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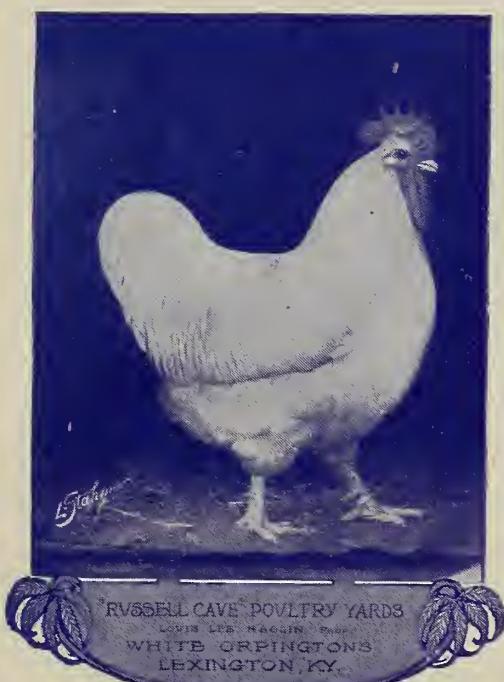
1912

ONE YEAR 50¢.

THREE YEARS \$1.00

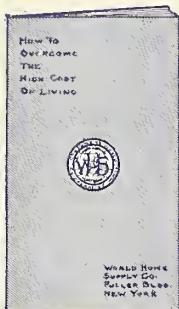
# THE INDUSTRIOUS HEN

A MONTHLY MAGAZINE  
FOR THE  
COMMERCIAL AND FANCY POULTRYMAN



THE INDUSTRIOUS HEN CO.  
PUBLISHERS  
KNOXVILLE TENNESSEE

# HIGH COST OF LIVING OVERCOME



Reduce the high cost of living by joining our Co-operative Buying Club. Buy Groceries, Dry Goods, Furniture, Clothing and all kinds of dependable merchandise direct from about one hundred and fifty manufacturers at wholesale prices. Do away with the retail dealer entirely and

## CUT YOUR LIVING EXPENSES NEARLY IN HALF

Everybody wants to reduce the high cost of living—that is only natural, it is human and it is right. And that is exactly what we can do for you. We can get you what you want at wholesale—which means, you can make your money go nearly twice as far as it does at present and buy nearly twice as much as you do now.

## FREE

### SEND FOR THIS BOOK

It tells all about our Co-operative Buying Club and why you should become a member.

Page 3 tells

What our club is

Page 4 tells

Why you should join

Pages 5-6 tell

What membership costs

Page 7 shows

The catalogue you get

Pages 8-9-10-11 list

The goods you can buy

Pages 12-13 give

Examples of Savings

Page 14 describes

The Organization

Page 15 gives

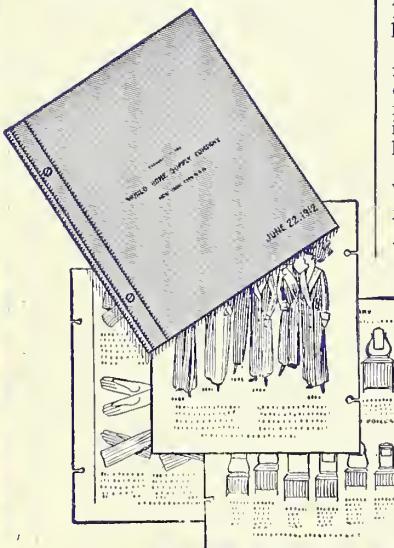
The Company's Offices

Page 16 tells

How the business is run

Pages 17-18-19-20 tell

What satisfied members have to say.



### READ AND CONVINCE YOURSELF

Our Buying Club—the Club you ought to join—is the greatest Co-operative, mail-order buying organization in the United States. We actually bring the consumer and the producer together. We really introduce one to the other and enable them to do business without having a middleman charging toll.

We do it in this way: Our members send us orders for what they want; we sort and forward these orders to our manufacturers and wholesalers, and they, in turn ship the ordered goods direct to the members. All the trade expenses of travelling men, middlemen, stores and other selling costs are done away with and **you get what you want when you want it at only a fraction of the price a retail dealer would charge you.**

We carry no stock—we add no profit to the wholesale cost of merchandise—we simply act as a Clearing House. We gather orders from people who want to buy and pass these orders to manufacturers and wholesalers who want to sell.

We receive for our services a small five per cent fee from members for the privilege of buying at wholesale, while manufacturers allow our merchandising organization their discounts for cash—and on these two modest sources of income we work with satisfaction to all.

Our Buying Club is made up of thousands of families throughout the country who are daily sending us orders for all sorts of goods. These thousands of families ordering thousands of things keep us more or less constantly in the market for good sized quantities of articles—and because we come into the market for large numbers of things with cash in our hands, we are able to secure for our members absolute, bed rock, wholesale prices.

There is nothing mysterious about it. There is nothing wonderful in getting wholesale prices when enough people want enough goods to justify a manufacturer selling at wholesale. All it calls for is having the people and the orders—and those things we have.

To show you how Co-operative buying can be worked in a small way let us take up your own case: Suppose you and your friends made up one big combined order for all the groceries you wanted and took that big order to a wholesale grocer. He would sell

### FREE TO MEMBERS

The services of twenty resident buyers right in the heart of the New York market, also **This Handsome Loose-Leaf Catalogue** containing nearly 300 pages of Groceries, Drugs, Toilet Preparations, Dry Goods, Suits, Raincoats, Rubbers, Gloves, Neckwear, Umbrellas, Household and Dress Linens, Ribbons, Furniture, Rugs, Gas and Electric Fixtures, Furnaces and Stoves, Plumbing Necessities, Auto Supplies, Pianos, etc. The prices quoted in this catalogue are the **Confidential Wholesale Prices** ordinarily given to store keepers only.

### SEND 50 CENTS—DO IT NOW—BECOME A MEMBER OF OUR BUYING CLUB TO-DAY AND SAVE MONEY

**AGENTS WANTED** In all parts of the country. Liberal commissions. Excellent pay. Permanent positions. Write for full information.

**WORLD HOME SUPPLY CO.** 143 West 36th Street **New York**

# SECRETARY'S ENTRY BOOK

A very compact book, size  $8\frac{1}{2} \times 8\frac{1}{2}$  inches, giving ample space for making entries without crowding. Printed on best quality paper and handsomely bound. Our simple labor-saving system of special indexing is a feature that adds much to the book and affords a great saving of time in making entries. **50 Leaves \$1.00; 100 Leaves \$2.00.** :

**THE INDUSTRIOUS HEN CO.**

: : :

**Knoxville, Tennessee**

## CONTENTS FOR NOVEMBER, 1912

TWICE TOLD TALES.....	177	
PROGRESS MADE IN POULTRY CULTURE IN ENGLAND.....	L. B. Audigier.....	179
A FEW VALUABLE SIDE-LINES FOR POULTRY MEN.....	Lynn C. Townsend.....	180
THE HISTORY OF THE MOTTLED ANCONAS.....	H. Cecil Sheppard.....	182
THE ESSENTIALS IN POULTRY CULTURE.....	Mrs. H. P. Hinton.....	182
WINTER EGGS ARE SELLING AT HIGHER PRICES.....	J. A. Dinwiddie.....	183
ORIGIN AND HISTORY OF THE ORPINGTONS.....	Percy A. Cook.....	184
ROUP IS THE WORST ENEMY OF POULTRY.....	Prof. J. W. Beeson.....	186
WOMEN AS SUCCESSFUL POULTRY KEEPERS.....	Mrs. P. B. Moses.....	187
FIVE HUNDRED FARMERS ARE WANTED.....		187
PRESIDENT HICKS NOT A CANDIDATE.....		187
EDITORIAL .....		188
POULTRY SHOWS AND ASSOCIATIONS.....	Edw. M. Graham.....	189
POULTRY DISEASE DEPARTMENT.....	J. A. Thornhill.....	194
WATER FOWL AND TURKEYS.....		196
OUR BREEDERS AND THEIR BIRDS.....		197

# ALDRICH WHITE ORPINGTONS

## WINNINGS AT ALLENTOWN, 1912



Grand Championship Futurity Cockerel.	3rd S. C. White Orpington Pullet.
Grand Championship Futurity Pullet.	3rd S. C. White Orpington Cockerel.
1st S. C. White Orpington Pen.	4th S. C. White Orpington Cock.
1st S. C. White Orpington Pullet.	5th S. C. White Orpington Cockerel.
1st S. C. White Orpington Cockerel.	5th S. C. White Orpington Hen.
1st S. C. White Orpington Cock.	White Orpington Club Cup for the best Cock.
1st. S. C. White Orpington Eggs.	Cockerel, Hen and Pullet.
2nd S. C. White Orpington Hen.	

The winning of both futurity prizes in addition to the 11 other prizes on 15 entries and winning more points than all of our competitors combined, is the greatest winning ever made at Allentown, and is all the more remarkable because there were 26 of the largest Eastern and Southern breeders from seven different States there, making one of the largest and hottest classes ever shown in the East. There were 20 cockerels and 34 pullets among them, several imported from England. Our winning first in both of these classes, wit'l birds over standard weight, hatched and raised on our farm, prove that our stock cannot be excelled.

At the Great Nashville (1912) Show, one of our customers won with nine out of ten birds, which we supplied, in competition with the largest Eastern and Southern breeders. These winnings, together with our previous winnings at St. Louis, Chicago, Pittsburg, Cleveland, Baltimore, Madison Square Garden, prove the Superior Quality of our stock. We have as fine a flock of WHITE ORPINGTONS as can be found in England, America or Canada, and we are prepared to supply birds that will win in the Strongest Competition, also utility stock of High Quality and selected breeders at very moderate prices. We sell only one customer for each show, so would advise your early inquiry. We expect to show a full string at Augusta and will be pleased to meet any one interested in good birds. Can supply eggs after November 15th.

Send for our catalogue describing the QUALITY WHITE ORPINGTON FARM of AMERICA and become one of our many satisfied customers.

**Aldrich Poultry Farm** 5095 North High Street  
COLUMBUS, OHIO

# S. C. WHITE LEGHORNS

## THAT LAY, WEIGH and WIN

There is as much difference existing between the breeds and strains of our poultry as among cattle. Our dairies raise cattle for the milk. The vast ranches of the West raise cattle for their marketable value in meat. POULTRY is different, for why should we sell a hen at three or four months old simply for her meat when the average GROVE'S STRAIN OF SINGLE COMB WHITE LEGHORN hens will lay twelve dozen eggs per year, which at 20c per dozen, amounts to \$2.40. Her marketable value at three or four months would only have been, probably, 40c. The same hen at the end of her laying season, is worth 60c to 70c in the market, making her worth a total of \$3.00. She will have cost in feed only \$1.10. Where, and in what other breed, can you realize \$1.90 clear profit upon an investment of \$1.10? Our 64-page Catalogue will be sent postpaid for 50c in stamps, which describes breeding, incubating, conditioning, etc., not scientifically, but by the common sense and nature method of raising poultry.

**My Signature on Each and Every Egg Your Protection**

Don't start until you are sure you are right.  
If you do you'll fail, try as hard as you might.  
If you raise poultry why not raise the best?  
Breed the E. W. Grove strain and watch the nest.

**E. W. GROVE, Jr. :- R. F. D. No. 1, Clayton, Mo.**

We Envy No Man His Accomplishments, For They Are For Better Poultry

Life Member American Poultry Association

Life Member National S. C. White Leghorn Club

## ORPINGTON GROVE

The birds of the GROVE have won many FIRSTS, SECONDS, etc. Also SPECIALS, SILVER CUPS, etc., under the most famous judges in the Poultry World. They have been handled and PLACED by Judges DREVENSTEDT, WITTMAN, DENNY, COOK, MARSHALL and BROWN. EGGS—\$1.00 each, \$10.00 and \$5.00 setting 15. Write for mating list.

**MRS. L. L. UPSON : Box 607, Athens, Georgia**

## BUFF PLYMOUTH ROCKS

### TAR HEEL STRAIN

Won more first prizes in 1911-12 in some of the South's leading shows than all competitors together. Young stock better than ever before. If in need of cockerels, pullets or pens for breeding or showing, I can fill your needs.

**J. G. ASHE, Owner and Breeder, : : : Raleigh, North Carolina**

## WHITE ORPINGTON SALE

JACKSON STRAIN—A dandy bunch of single birds, trios and pens from my Memphis, Jackson and Tupelo winners. I ship all birds on approval. Money back if not satisfactory. My birds have the winning and laying habit and can't get rid of it. Try them.

**HARRY CALLICOTT : : : Coldwater, Mississippi**

# PRINTING

FOR THE POULTRYMAN

FOR THE FARMER

FOR EVERYBODY

We have hundreds of cuts to illustrate your Letterheads, Envelopes, Circulars, Mating Lists, Catalogues, etc.

Our charges are no more than your home printer's, and quality of our work far superior. GET OUR PRICES. INDUSTRIOUS HEN CO., Knoxville, Tenn.

If You Want the Best in WHITE WYANDOTTES You Must Have

**THE WORLD'S BEST**

Send for Our Free Catalogue, Full of Bargains

**J. C. FISHEL & SON : : : : : Box H, Hope, Indiana**

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE INDUSTRIOUS HEN.

# HOUDANS

Southern bred. My birds took first at Alabama State Fair, also Birmingham Winter Show. Eggs for hatching for sale. Fertility guaranteed.

W. J. ROOT, Ensley, Ala.

# Buff Orpington Ducks

Are greatest layers on earth of large white eggs; large carcass and small eaters. Now is the time to hatch them. Eggs, day old stock and breeders for sale at all times. Correspondence solicited. J. H. WENDLER, Lakeland, Fla.



# Rhode Island Reds

SINGLE AND ROSE COMBS

Write for mating list. Eggs at half price until August 1st.

MONTE SANO POULTRY YARDS, Augusta, Ga.  
M. H. MORRIS, Manager

# Black and White Minorcas

OVERSTOCKED on the BEST in the South. Sacrifice prices on old and young stock. Show winners at real bargains. Buy quick and get the best choice.

MRS. JNO. M. GRISSIM, R. 2, Lebanon, Tenn.

BARRETT'S BLUE RIBBON STRAIN

# MOTTLED ANCONAS

I have a nice lot of Breeders for sale, at just half price. Write me,

L. M. BARRETT, Morristown, Tenn.

# White WYANDOTTES

J. G. ROBBINS, Mayfield, Kentucky

# SINGLE COMB RHODE ISLAND REDS AND BARRED ROCKS

Best stock, strong, vigorous, farm-raised. Eggs, \$2.00 per 15. A. S. BELL, Route 13, Knoxville, Tenn.

# Crystal White Rocks

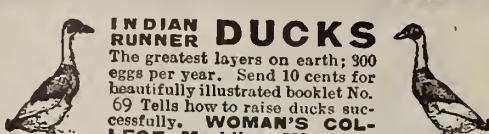
One of the best show and laying strains in the North. Quantity isn't what I want, it's quality. Cocks, Hens, Cockerels and Pullets at low prices. None better. 20 years a breeder.

JOHN LANDIS,  
Edinburg, Ind.

# S. C. BUFF and WHITE ORPINGTONS

A select lot of breeding hens at \$2.00 up, pullets at \$2.50 to \$5.00 each, Cockerels \$1.00 to \$5.00, from prize winners.

H. S. THOMAS, Route 2, Georgetown, Ky.



# Twice Told Tales

## The Call of Chanticleer.

Barney Weller was about the funniest fellow you ever saw. He was always making people laugh by playing jokes on somebody and he put up a game on a victim every day in the week. He was in Chicago at a big hotel on one occasion when the butt of one of his jokes sought revenge by securing a live rooster and tying it under Barney's bed at night.

At 3 o'clock in the morning the rooster turned up for his first vocal selection and let out a long, shrill crow. The second performance of this kind was too much for the humorist. He dressed himself hastily and rushed down to the night clerk.

"Give me my bill!" he said fiercely, "I'm going to get out of this place."

"But please tell me what the trouble is," suggested the night clerk.

"That don't matter," said Weller angrily. "I'm going to get out of here and get out quick."

"Well," exploded Weller, "there's a crazy fool next door to me who thinks this place is a henhouse. He's spent the last two hours trying to imitate a rooster."—Popular Magazine.

## Chickens were Satisfied

Hiram—Them's awful puny little plants you've got in your garden. Are you sure your seed was good?

Suburbs—Good! Why, say, the chickens were crazy about them.

Have a hobby. Let your hobby be to be a hen-crack, the commonly used expression, and the chances are, your hens will fare well and take care that your pocketbook always has a mission.—Rural Mission.

## For Services Rendered.

"Thompson's cow got into my garden and ate all the grass off the lawn."

"What did he do?"

"Sent me a bill for using his cow as a lawn mower."—Ex.

If your habits interfere with your principles, cut out your habits.—The Feather.



# The GREAT SHOW OF The GREAT Lakes

December 11, 12, 13, 14, 1912. Norwalk Poultry and Pet Stock Fancier's Club. R. W. MEAD, Sec. Norwalk, Ohio.

# Single Comb Brown Leghorns

Exclusively.

We are breeding what we believe to be the true type of Brown Leghorns. We use the single mating plan, and produce both males and females that have style and shape. The females are very near standard color, and the males are of the orange yellow type, with good striping. We have not lost sight of the utility side in producing feathers and style, but have developed a splendid laying line of Leghorns combined with good color and style. These birds will be heard from in the shows. Promptness our specialty.

STURTEVANT BROS.,  
Brown Leghorn Farm,  
Box 12, Kushla, Ala.

# Wyckoff's Single Comb WHITE LEGHORNS FOR SALE

50 yearling hens, 150 pullets and cockerels at \$1.00 each. Well matured stock. MRS. HARRY COVINGTON, Guthrie, Ky.

# Indian Runner Ducks

One Dollar Each, Fawn or Penciled  
All Kind of Chickens. Write Us

MUNNIMAKER POULTRY COMPANY  
Crothersville, Indiana

# Barred Plymouth Rocks

Cockerel and Pullet mating. Won 3 firsts, 3 seconds, 4 thirds, Lynchburg Fair, Va. State Fair, Oct., 1912. Fine Cockerels and Pullets for sale reasonable. D. W. JARDINE, Staunton, Va.

# EGG LABELS

Printed same day order is received. Get samples and prices.

S. B. NEWMAN & CO.  
KNOXVILLE, TENN.

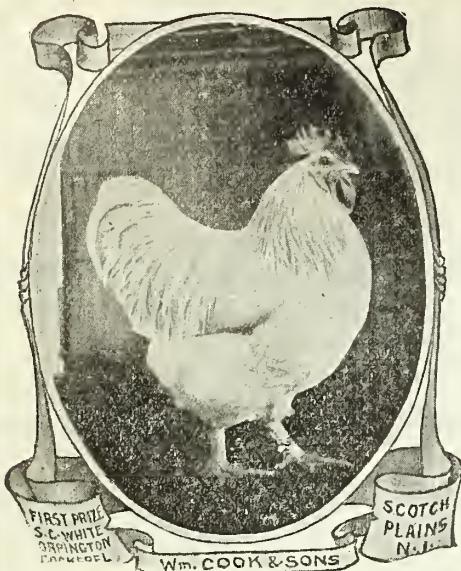
# CRYSTAL WHITE ORPINGTONS BARRED ROCKS

THE LAYING AND WINNING KIND. Special bargains for early buyers. Shall be pleased to make you prices.

C. A. MOXLEY, Box H, Taylorville, Ill.

# Single Comb Brown Leghorns

At Tennessee State Fair, with 3 entries, won 1st, 2nd, 3rd cock; with 3 entries, won 1st, 2nd, 3rd cockerel. I have about 50 cockerels from same yards as above winners and can sell you a splendid breeder or a show bird and guarantee him to win. You name the show and I will quote a reasonable price. List free. L. P. MATTHEWS, Thorntown, Ind.



**WM. COOK & SONS**  
ESTABLISHED 1873

ORIGINATORS of all the

**ORPINGTON FOWLS A  
N D DUCKS**  
**Box H : : SCOTCH PLAINS, N. J.**

EVENTUALLY, if after the best Orpingtons, all varieties, you will send to their ORIGINATORS. WHY NOT NOW? and avoid loss and disappointment; we GUARANTEE safe delivery and SATISFACTION which is backed by a REPUTATION of thirty-nine years standing, THIS MEANS MUCH TO YOU. We are not here today and gone tomorrow as some breeders have been and are doing. Then EXPERIENCE counts, surely we should understand ORPINGTONS BETTER than a man who has had them just a year or two.

We MADE the Orpingtons, all of them, and are RECOGNIZED HEADQUARTERS for the best. A VISIT to our plant, where you are CORDIALLY welcomed, will prove this, as well as our THIRTEEN THOUSAND first prizes, and our winning 103 firsts and 72 seconds at Madison Square in six showings, MORE than eight times as many firsts as any other Orpington breeder.

We can supply on the same day as order is received, or will keep and train your birds for you, the FINEST line of EXHIBITION BIRDS that we have ever had. IMPORTED birds from our ENGLISH PLANT, the finest Orpingtons that were in England before our MR. P. A. COOK personally selected them for the AMERICAN requirements, which English breeders do not know. Or AMERICAN bred birds from our MANY AMERICAN WINNERS, sons of our first prize Madison Square White, Buff Black and Jubilee Orpington cockerels. NOW is the time to enquire and order your show birds. We supplied twenty times more first prize winners than any other breeder last season. Do not forget the \$50 CUPS WE GIVE which only our customers can compete for. It pays to own COOK ORPINGTONS. ASK THE PEOPLE WHO OWN THEM. SEND 10c FOR ILLUSTRATED CATALOG containing history of the Origination of the Orpingtons, and hints on Poultry Keeping. Show season of 1913, we won two firsts on two entries at Atlantic City, first White and first Black Orpington pens.

Pens are now mated up for our Southern business and EGGS can be supplied from our WINNERS and the FINEST ORPINGTONS in the world for \$20 a setting, and from fine stock at \$10 a setting. Advice free. Inspection invited. Trains met. Cook's Roup and Worm powder, and also Laying and Condition Powder for sale. The best that exists. Ornamental Land and Water Fowl for sale.

**HOW EASY TO WIN**

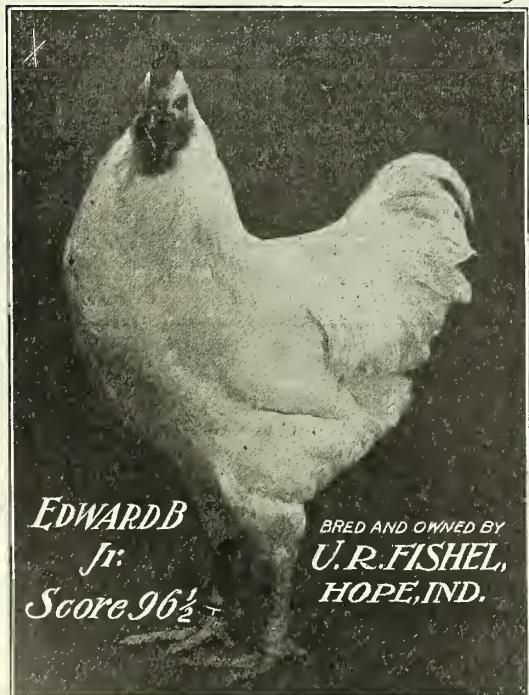
When you have birds that are of the type and quality that it takes to win. For years we have supplied the winners at most all important Southern Shows and this season we have more and better early hatched birds than ever before.

**WITH Fishel's White P. Rocks**

it is an easy matter to win, not only the regular prizes but all specials. Write us your wants please. Send 25 cents for 64-page Catalogue, worth dollars to any one interested in poultry.

**U. R. FISHEL, Box H, Hope, Ind.**

SPECIAL SALE LIST FREE



**HILL CREST FARMS**

Exhibition birds for any show. BARRED ROCKS, PARTRIDGE ROCKS, SILVER CAMPINES. Pens, trios and single birds.

**WM. FOTTERALL, Prop., : : : OAKFORD, PA.**

# THE INDUSTRIOUS HEN

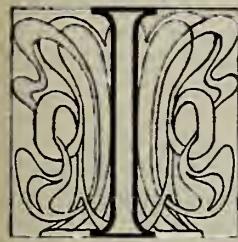
Vol. 9

Knoxville, Tenn., November, 1912

(Whole No. 102) No. 6

## Progress Made in Poultry Culture in England

By L. B. AUDIGIER, Managing Editor



HAVE been very much impressed with the great progress made in poultry culture in England, and although writing from Italy, I read the English papers. The London Daily Telegraph has a weekly article that is always valuable. From this journal I learn that the Utility Poultry Club has been carrying on some experiments that are wonderfully attractive, the results of which I am sure will be of interest and value to the readers of *The Industrious Hen* in particular, and to all other poultrymen in general.

The main object of this club is egg production, and the results of two four-months winter-laying competitions are most satisfactory, and an advance on previous competitions, giving convincing proof of the possibility of 200-egg hens being bred from reliable strains kept under ordinary conditions.

"A study of the statistics shows that by the use of trap nests in the selection of breeding stock, poultry breeders are working on the right lines, and it can be confidently asserted that if such methods were carefully followed throughout Great Britain the poultry bred in this country would be the most prolific in the world, and would also be combined with soundness of constitution.

"The northern competition held at Preston, Lancs, and confined to forty pens of four pullets each, resulted in a splendid score by a pen of Buff Orpingtons entered by Mr. Jonathan Collinson, Garstang, Lancs, who wins the first prize, gold medal, and first-class certificate. No less than 295 eggs were laid in the sixteen weeks, the value being computed at \$9.90, and nearly all were first and second grade eggs. Three birds in this pen laid continuously throughout the competition. It should be stated that the general type of the winning pullets was decidedly the best of the pens entered, which outstanding feature testifies to the fact that beauty and utility go sometimes together. Buff Orpingtons secured second and third prizes in the Southern Competition held at Trimley, near Worcester, the successful competitors being Mr. W. Martin Burnham, Cranbrook-common, Kent, whose second prize pen laid 275 eggs, value \$9.50; and Mr. T. P. Rawcliff, Garstang, who was third, with 279 eggs, value \$9.30.

"Devotees of the all-British and handsome Buff Orpingtons, will be justly proud of the breed's prolificacy in the four worst months of the year (including three weeks Arctic weather), whilst it should be added that this breed headed the Northern Utility Poultry Club's competition, held at Burnley, where Miss Marjorie Fowler, Feniscowles, near Blackburn, won (298 eggs). Scratching sheds were largely used, and doubtless accounted for the good result.

"At Preston the nine following pens were claimed by White Wyandottes. One pen had two pullets not laying first month, yet the total recorded was 275 eggs—a capital performance. White Wyandottes continue to hold their own as good all-round layers, and the breed is forging ahead of other fowls in size of eggs as well as productivity. Other breeds which competed at Preston were Buff Rocks, Sussex, White Leghorns, Anconas, and White, Black, and Brown Leghorns. All were ably managed by Mr. W. Barrow, an experienced poultry-breeder.

"Once again the stylish White Leghorn established its claim as 'the most prolific of layers,' for at the Southern competition at Worcester a pen of four pullets, sent by Mr. E. Cam, Hoghton, near Preston, led forty competitors, with

324 eggs (mostly first grade), value \$10.80. This is a decided triumph for a light breed, and completely dispels the fallacy that Leghorns cannot lay in the winter. Mr. George Nicholls, the capable manager, in an exhaustive report, referring to the winning pen, expresses the opinion that the birds were of Australian type and differed from the English show type. He emphasizes the fact that 374 eggs were obtained in 112 winter days, and says it was a real pleasure to watch the quartet always on the hunt lest a worm or grub should be missed. Wet days did not keep them indoors, and cold winds had no effect on these active non-sitters, which even tried to brave the snow.

"The report is an interesting study for poultrykeepers, especially the weight-table, for the heaviest birds in each breed are at the bottom of their variety and the smallest at the top. The four White Leghorn pullets weighed only 11lb 6oz on arrival (Oct. 17,) and on departure (Feb. 5) totaled 14lb 4 oz. after laying \$10.80 worth of eggs; whilst the second prize pen, of Buff Orpingtons, weighed 19lb 4oz and 21lb 8oz, and laid \$9.50 worth of eggs. The cost of



A Southern Beauty

feeding the forty pens worked out at 75 cents per bird for the twenty weeks, whilst in addition to the food, the birds consumed 250lb of poultry grit and 325lb of oystershell, at a cost of 3 cents per bird.

"In conclusion, it is contended that the successes attained at these competitions are open to the smallest poultry keeper. No costly buildings were used, and the deduction is that, given the main factors of a dry roof over the birds' heads at night (with freedom from draughts), four pullets of a good laying strain, a short study of the analysis of foods, and devoting care and attention to details, two or three eggs per day will be secured during the worst winter months. With larger houses in which the birds could be artificially forced, it is quite possible to increase the egg yield 40 per cent. It should be added that the competitions

above referred to are not held in order to determine definitely which is the best breed, as it is recognized that good laying is essentially a question of strain, and not of breed.

#### Pure Breeds Succeed.

"The persistent efforts of specialist breeders to advance the prolificacy or productiveness of the breed of their choice have doubtless greatly benefited the industry, and helped to rid the country of mongrelism. A distinction must be made between the term mongrels and crossbreeds. The first term refers to fowls of no known breed or variety, and the latter of the offspring of pure bred birds of different breeds mated together for a definite purpose. Purity of strain and attention to type is associated with strength and prepotent characteristics, which form an excellent basis on which to build up (by the aid of trap nests and suitable environments and feeding) prolific flocks. The profit-earning poultry will be found amongst fowls whose strain is known and whose ancestry will bear investigation. The utility poultry keeper recognizes the vital importance of pure breeds on which to build his strain of layers, and by careful selection each breeding season the best egg-producers are evolved. The would-be breeder who decides for pure breeds (not necessarily prize-bred champion stock) is on the high road to success.

"A word of warning should here be given to avoid attempting to breed from stock which year after year has been inbred for fancy points. The exhibitor or fancier often sacrifices a full egg basket (in his case a secondary consideration) to shape, type, head adornment, color of plumage, and beauty of marking or lacing. The standard of excellence demanded by the specialist clubs established for advancing the breed makes no stipulation as to egg or flesh production. Some of the prize-winners, it is true, excel in both show points and productiveness, but this combination cannot be relied upon by the beginner in

poultry-culture, neither is it suggested that a pure-bred fowl destined to excel in the show-pen is of necessity a bad layer. It is a significant fact that breeds which can only boast of being beautiful are gradually decreasing at our leading shows, while those which display a tendency to productiveness are on the increase.

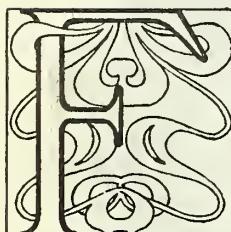
#### White Comb, or Favus.

"Several correspondents have sought advice on the treatment of a highly contagious disease known as favus, or white comb. It is generally caused by a parasitic fungus which attacks the comb, wattles and neck, and is very destructive in poultry-yards as it spreads rapidly throughout a flock, and unless taken in hand quickly will even depile the birds. Favus is generally traced to dirty surroundings or the absence of vegetable food, which matters should receive first consideration before treatment is commenced. Well limed houses, fresh soil or change of run are imperative, while the soft food should have a large proportion of cooked greens and vegetables added to it, with a little sulphur powder sprinkled over it to improve the blood. Sulphate of iron should be added to drinking water.

"White comb has received the attention of the Board of Agriculture, who supply gratis a leaflet on this parasitic trouble. Many poultry-keepers treat the comb with paraffin and carbolic ointment, but experts agree that favus is only successfully eradicated by bathing the invaded parts with warm water and soft soap, and then applying an ointment to destroy the parasite. Nitrate of silver 5 per cent. in lard is effective; also red oxide of mercury one part to lard eight parts has proved an excellent remedy, and should be continued for a week. The diseased parts should always be well fomented before the ointment is applied, and the favic crusts removed with a blunt knife. Care should be taken to disinfect the hands when treating fowls suffering from white comb, as cases are known where favus disease has been transmitted to man."

## A Few Valuable Side-Lines for Poultrymen

By LYNN C. TOWNSEND, Weedsport, New York



EW poultrymen fully realize the profits to be derived from side-lines in addition to the regular business of poultry keeping. I do not mean making these side-lines the important items and allowing the poultry end of the business to be secondary in importance. While several of these side-lines are connected to a certain degree with the poultry industry, others are entirely foreign to it, but if managed properly, can be made to pay big dividends for the capital invested.

Probably the most profitable side issues that a poultryman can engage in are specialty fruits and vegetables, squab raising, bees, berries or rare birds, such as pheasants, etc. These side-lines can often be worked in with the regular poultry business at little added expense and loss of time. The average poultryman of course has fruit trees planted in his yards. But he isn't receiving the full benefit from them. He lets the fruit hang until dead ripe and then picks what still remains on the trees and sells them in a half-bushel measure. A little more time and care spent in packing this fruit in neat, attractive boxes or baskets would greatly increase the selling price.

If you are located near a city or on a much frequented road, your chances of making money from side-lines are doubled. Do not neglect the poultry, however, in your eagerness to develop the side-line business. Specialty vegetables are a good paying crop if you have a market near at hand that demands this class of goods. I do not mean general farming, but crops of early sweet corn, early potatoes, tomatoes, pole beans, cabbages, etc. These can be grown and sold at a good profit if your stock is of good quality and you pack it attractively. If there are summer boarding houses or hotels in your immediate vicinity, make arrangements with the manager to supply his table with fresh fruits and vegetables right out of the garden. You can easily secure retail rates and I have known poultrymen to clear up two or three hundred dollars in addition to the regular income from poultry, by catering to the needs of rich summer boarders and hotel men.

Fruit trees are always a good investment. An English oak may be a better looking tree, but a good Baldwin apple tree will prove the best investment from a financial standpoint, and will give just as good shade. The one great objection against the heavy planting of fruit trees is the long time that must elapse before they come into bearing. Many people are led to plant less fruit trees and more berries on account of this reason. However, if you have no orchard on your place, plant one this fall, and while it will be several years before you have any steady income, yet it will pay in time, and also greatly improve the value of your property. One large poultry farm, doing a cash business of thousands of dollars yearly, is run solely from the income of the fruit, leaving the poultry receipts clear profit.

Apples are always a paying crop, although this tree requires more time than others before bearing. Plant your orchard carefully, using a variety of trees adapted to your locality, as advised by your State Experiment Station. Dynamite is rapidly coming into favor with orchardists for setting out orchards. The dynamite is exploded by means of electricity and opens up the hard pan underneath the top soil, thus giving the roots a better chance to live and thrive.

Plums and pears are usually good sellers, but peaches are rather a risky crop, except in the southern and central states. Peaches are one of our most delicate fruits, and should not be planted in sections subject to severe winters or late spring frosts. Cherries and peaches are often planted as "fillers" in apple orchards, and by the time they begin crowding the apple trees, when they should be cut out, they will have borne several valuable crops.

Berries are a good paying crop, although they require considerable attention. They are planted in brooder yards extensively, and if kept trimmed down in good shape, they will require no artificial support, although a light wire stretched along each row of bushes, on each side near the top, will prove helpful. Grapes are a good investment and can be grown outside the poultry fences profitably. They provide the best of shade and sell readily. Provided you have a market for them currants are a very profitable

fruit to grow. One great advantage that the currant has over berries, is that when ripe, the fruit can be left on the bushes until you have plenty of time to care for them. You can leave them unpicked for a couple of weeks with no danger.

Strawberries have been claimed to be the best side-line for a man to take up, who has a couple of acres extra. However, like all berries, they require attention just as soon as they ripen, and pickers cannot always be secured. It is an established fact that an acre of strawberries will bring in a larger income than from any other fruit, and a good bed should last for three or four years. Money may be made on the side by disposing of your extra plants and berry bushes. The propagation of the currant is very simple, and the demand for the plants is usually heavy. But few cuttings can be secured from bearing bushes, therefore have a few bushes grown entirely for cuttings. These bushes are cut down to the ground every year during the last of August and the cuttings buried in a trench until planting time, which is usually in September.

Your fruits and vegetables, honey, etc., should always be packed in neat, clean baskets or packages, each box bearing your name and address. Advertising is the foundation of all successful business, and it is as necessary to advertise your side-line products, as it is your show breeders. Create a demand for your goods, by having them a little better and fresher than the other fellow's. Advertising in local newspapers is good when the quantity of what you have for sale will warrant it, but if you live on a much frequented road, roadside advertising will almost always dispose of your surplus fruits and vegetables at city prices.

Put up a sign stating what you have for sale and it is sometimes good policy to have a glass case by the gate, displaying samples of fruit, honey, etc. Automobile parties are good customers, and if your road is a popular one with autoists, you can sometimes dispose of all surplus eggs, broilers, fruits, vegetables, etc., at fancy prices, thus saving a trip to the city or town. After it becomes known that you have goods of superior quality, people will begin to stop at your door for what they want and send others there, thus eliminating to a great degree, that "peddling" that is so distasteful to every American, whether poultryman, fruit raiser or farmer.

Bees are money makers, and require but little care. The cost of starting in with bees is slight and the income is almost clear profit. You will find that bees will form a valuable adjunct to your poultry business, and as they increase fast, your only cost for new swarms will be good hives. If the winter is severe, bees will require extra care, but as a rule, they will take care of themselves and net you a good income of side-line cash.

Squab raising is a profitable side-liner, but it requires strict attention to details. Incubation and brooding is eliminated, as the adult birds do this, but strict cleanli-



1st Pullet at Maryland State Fair, Bred and Owned by  
L. H. Reade, Highland Park, Richmond, Va.

ness must be practiced at all times. The principal objection to squab raising is the disagreeable work of killing and plucking. The market is always good and there is always a good demand for squabs. A near neighbor of mine who is in this business has about 1800 pair of breeders, shipping squabs to New York twice a week. The plant cost thousands of dollars and everything is carried on in up-to-date style, but this is no side-line with him. A few pair of mated breeders can be kept as a side-line and money made from them.

I would not advise any one to take up pheasant or other rare bird breeding until they have thoroughly investigated the subject. Many men are raising pheasants on the side and making money; if there is such a man in your neighborhood, pay him a visit and investigate. Wild birds must have their surroundings as natural as possible, and in many cases this is not easily done. However, it is undoubtedly true that there is money in this business if given proper attention, but I consider it the most unsafe of the side-lines mentioned.

This article may not appeal to many who have the "chicken fever," but to the breeder who is desirous of increasing his pocket money, he will find that by adding some of these side-lines to his regular business his income will be greatly increased.

### What About Next Season?

How can we plan to prevent poultry losses next spring? We must make the brooders and coops rat and vermin proof. This winter we can make some shelter shutters (6 x 3 feet) which placed on stakes and fastened two feet up from the ground, on the pasturing range, will furnish places of retreat and shelter from birds of prey as well as from rain storms and the sun's heat, according to the needs of the fowls. If we have neglected to clean out the brooders or the hen houses in the warm summer time we should attend to these things now. One of the best plans for preventing diseases and disorders in our flocks is to thoroughly clean their winter quarters in summer and open up the same to the sunshine and the breezes. Disease germs do not thrive in pure, fresh air and bright sunshine as they do in foul air and dark, filthy quarters. Spraying the interiors of hen houses with Carbolineum, Zenoleum or some effective sheep dip is an easy way to kill the bad germs if present. The spraying also destroys the mites if it hits them.—A. A. Brigham.

The days of the scrub chicken are passing away and the time is coming when we will see on the majority of farms as well bred poultry as we find in other lines of stock. It may in some cases mean a campaign of education; but the farmer who is progressive will have his flock uniform color and standard in order that his flock may produce the best results as a money making proposition.



This Cock Won 7 Firsts in Virginia in 1911  
One of L. H. Reade's 'Blue-Bars'

# The History of the Mottled Anconas

By H. CECIL SHEPPARD, President of International Ancona Club, Berea, Ohio



WAY back in the days of the pilgrims there lived a little old father who, though he ate much food and lived simple ways, was but a weazened and, apparently, a gross excuse of a healthy, robust man. This little fellow was not afflicted with chronic bodily ills. On the contrary, he was possessed of fairly good health of mind and body. He hunted fowl and when of necessity, a few Indians. His great hobby was a wild turkey dinner and, I have been told by the relator of this story, that this pilgrim would face death a hundred times to get a good bird of this kind.

One day Mr. Pilgrim set out on a search for the nucleus of a Thanksgiving dinner. He traced a path on the ocean beach, occasionally running into woods for a shot. But not a turkey was in sight. In desperation he retraced his steps, expecting to go to his log fire, but he had not proceeded far when a nice, fat chicken crossed his path. He did not fire; instead, he followed the pullet and came upon a nest of eggs. He stopped and scratched his head. Here was a perplexing situation—would he eat the hen or the eggs?

Now, Mr. Pilgrim was a sport. So he decided to flip a pebble, coins having been scarce at that time. The egg side came up, so he gathered up the shells. During this operation the hen looked on in awe, and when the man with the gun started homeward, she followed. Englishmen know something of chickens and Mr. Pilgrim was quick to note that this was no common specimen. Here was a bird that surprised him. But when he ate the eggs he was still more surprised, so much so that when the hen came back next day, accompanied by a rooster of the same type, this little old man just kept them around his log cabin. Mr. Pilgrim devoted his time to raising this variety of pullets. Incidentally he ate their eggs and grew fat.

To end this story right now would leave the reader dissatisfied, so I will tell the rest, as little as there is of it. Mr. Pilgrim a short time later came down the beach and stumbled over the body of a man. By the features it was plain to see that this person was an Italian. There was a piece of bark in his hand, clutched like a drowning man grasps the last straw. Something was scratched on it, but being written in Italian, Mr. Pilgrim could not decipher it. He took the body to a garden near the sea and buried it, retaining the bark. Years after he learned that this man had sailed across the ocean from Ancona, Italy, with a cargo of chickens intending to breed them in America. He had an eye for business, but not a weather eye, and when a storm broke it destroyed his little boat. One pair of Anconas drifted ashore with him on a raft. The words on the piece of bark were:

"I starve to death to feed the chickens."

I would "Chanticleer" this story if the chanting was good. But alas, it is not. It is a fable with several morals, but without a good one, and I am almost ashamed to put it down in black and white.

Laying jokes aside, I want to call attention of my Ancona friends, and those who are not yet acquainted with this breed, that within the last year the production o' Anconas in America has increased more than two-fold. This I am informed by members of the International Ancona Club, which is the Ancona missionary agent for this continent and Europe. And since this good work has formed itself into gigantic movement in the interest of poultrymen, it seems only right and proper that every man who raises chickens should at least inquire into their merits. Without a doubt the Mottled Ancona will be the most popular egg-producing hen in this country before many more years, and it is now; while the movement is growing, that the opportunity to breed these pullets should not be overlooked.

The original home of the Anconas was in Ancona, Italy. The little brown natives prized them as the greatest asset in their string of feathered possessions. In 1840 or thereabouts, they were imported to England where they thrived even better than on Italian soil. They now have a record of 270 eggs for each hen a year and their eggs weigh on the average two ounces. The chicks are spry from the very first and mature rapidly. Their rapid growth enables them to acquire an early independence, so

essential in chickens hatched in an incubator. The sexes should be separated when from seven to ten weeks old and this gives the poultryman a chance to sell his surplus stock of males at good prices for broilers.

Anconas are the most profitable breed of chickens now raised in this country. 'Tis true they do not surpass in population the Leghorn, but nevertheless, all qualities considered, its pays a man to have Anconas in his poultry outfit. They are superior to the Leghorns for winter-laying and stand frost and snow as well. The development of the Anconas in this country is such that the Italian breeder would scarcely recognize the bird here. And its development is due to the zeal of the fancier who has made it a fowl to be proud of, yet one for every class of breeders.

The great trouble with some poultrymen is that they have to be shown before they will change their breeds. Well, if that is the case, why not try two or three kinds of chickens at the same time. This is a sure way to prove the value of the Anconas if you will not take the statements of those who have handled different kinds of chickens.

Now just a word to those who are not in the poultry business. There is no "dead" capital in the poultry game. This is its greatest advantage. If you buy land, your capital is invested in such a way that it will bring no returns unless you build a house and grow grain. The crops may fail, the house may not rent readily. If you go into the mercantile business you must depend on the weather for the success of your venture. You may lose from bad debts. If you are a manufacturer, you will find your machinery constantly wearing out. You are always facing demands for higher wages. But in the poultry business your hens are always laying, if you have the right kind, and the breeding costs you little money while the returns are greater in proportion than any other enterprise.

Think this over and don't fail to remember that the Anconas are the right kind of chickens to breed.

## The Essentials in Poultry Culture

**T**HERE are many essentials to be looked after in successfully raising poultry, one of the most important and the cheapest, being an abundance of pure fresh air, and it is one that is oftenest neglected. It requires lots of fresh air to keep poultry of all ages healthy. All kinds of poultry are more apt to disease for the want of pure air, but the turkey is the most susceptible of any fowl—they just simply can't roost where there is impure air. Another important essential is sunshine; it is cheap and there is no better germ destroyer than sunshine. All buildings should be built to admit sunshine. Another cheap but important essential is plenty of clean, fresh water within reach of the fowls all the time.

Next comes the feeding, which should be judiciously and properly done. A variety of grain should be fed in deep litter, with a dry mash composed of equal parts of wheat bran and alfalfa meal. With half the amount of corn meal and shorts, with one-fourth the amount of cotton seed meal, this should be kept before them all the time in boxes. Beef scraps, oyster shell and charcoal should be kept before them in hoppers all the time. Green food of some kind should be fed at noon what they will clean up well. This same way will apply to growing chicks also. Another essential is keeping the fowls free from lice and keeping their houses clean and disinfected. Still another is their roosting quarters, which should all be the open front type and front the south. No hen can do her best that has poor housing; some people seem to think anything is good enough for a chicken, but I am proud to say that these kind are few and far between. There are many more important things, but they will readily suggest themselves when the proper time arrives; but the ones mentioned are by far the most important.

In caring for the poultry, one should always have the health and comfort of their fowls in view. Without health and vigor in our fowls little can ever be accomplished and are therefore of paramount importance.—Mrs. H. P. Hinton, Dallas, Texas.

# Winter Eggs are Selling at Higher Prices

By J. A. DINWIDDIE, New Market, Tennessee



FTER taking careful note as to the number of chicks grown in Tennessee this season, I find that from late hatching, backward spring, and in some localities various diseases, the chick crop has been cut short, and eggs are now going at from twenty to twenty-five cents per dozen. So it behooves every farmer and poultryman to get busy and prepare for the high priced winter eggs. Begin now.

From accurate calculations I find that on the farms we can produce an egg for one cent, and the same food for one cent will make yours do the same.

Figure the profit that can be made from one hundred hens. From October 1 to April 1, six months, no definite profit can be figured, as one will make his or her flock produce more than another, and it is eggs that make it possible to produce eggs at one cent each. If a hen only lays two or three eggs a week, then the eggs cost more than one cent each. But if a hen lays four eggs per week, you can produce eggs at a cost of one cent each. Now the secret of getting eggs cheap is to feed your little egg machine (the hen) only such feeds as are required to make an egg. In other words, do not feed the hen and require her to digest any food but such as will make eggs. Eggs are the prime object, so don't feed a pound of feed that is not in conformation with the eggs. As we all know the raw feed fed to the hen makes the egg, so if the hen has to digest such feeds as do not conform to the egg, then we handicap egg production and make our eggs cost more. Again, the hen requires feed to produce energy, so we can save along this line by not forcing our birds to hunt altogether for her living, and feed food to make eggs. It takes energy to do the walking some farm hens do to procure enough food to make an egg. Then again it takes food to produce heat in the hen's body to stand the winter weather, yet if they have houses of the proper temperature it requires less food, doesn't it? We are not troubled so much with parasites and diseases in winter, but we must keep a vigilant watch for same and keep droppings removed and the house swept and clean. Another thing of importance is to keep the birds dry; no man can get winter eggs with birds running in muddy soil, wet, damp soil, or in rainy and snowy weather.

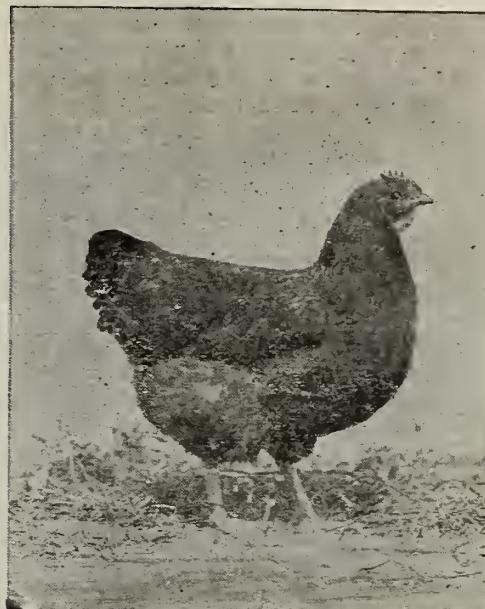


1st Cock, Illinois State Fair, 1912. Bred and Owned by Buschmann-Pierce Red Farms, Carmel, Ind.

There is nothing of so much importance as scratching sheds for winter egg production. So, after all, it seems a matter of economy to get winter eggs; or in other words, aiding nature by giving the right kind of feed to produce an egg. We might say most feed produced, or grain produced on all farms, fed in right proportion, will make eggs, yet some will come nearer to the analysis of the egg, and these are the ones to feed and give our study to—clean and

pure grains, fresh and pure water, and meat meal in some form. We can't get around this, as ten per cent of the ration has to be meat meal in some form, say commerical beef scraps, milk, blood veal, green cut bone, or animal meat in some form. It seems that vegetable protein will not answer as well for egg production as animal protein. There is some question as to this, however, and I hope that soon more light can be had on the subject.

A ration for eggs should run from one to four, to five—say one part protein to four to five parts carbohydrates



2nd Hen, Illinois State Fair, 1912. Bred and Owned by Buschmann-Pierce Red Farms, Carmel, Ind.

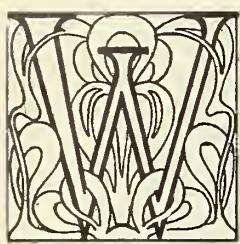
and fat. Now if we have on hand such feeds as wheat, corn, oats, wheat bran—soy bean meal; we can very easily compound a ration for our hens to make eggs out of. But no one of the above feeds will make eggs. True the hen can eat and digest enough of one of these feeds if we can give her time to make an egg, but it takes too long. Wheat is the best one poultry food and nearest a balanced ration, but we will handicap egg production at least one-third by feeding wheat alone. We must have so much corn, so much wheat, so much meat meal, wheat bran and some of it fed whole grains, and some fed ground, and so on. This we must figure out for ourselves. I wish we could have quite a discussion through these columns in regard to feed and feeding for egg production and chick growing. I do not know it all, and perhaps others do not, and we must know more about these practical things if we ever place poultry raising on the plane of profit. There is no guess work in poultry raising; just as much common sense is required as in other live-stock raising, and we must derive as much profit—and we certainly can—but we can't unless we have good birds, good homes for our birds to live in and good feed to make eggs out of. So let's go after our birds; or in other words, let's have profit and let's know how we got it.

I believe we must get more common sense into our poultry raising. It is no get-rich-quick scheme, nor play job for cripples, pastime for ministers, school teachers, and so on, but a great big live-stock industry that brings into Tennessee more money than any live-stock industry, yet we won't near think of keeping scrub cows, scrub hogs or beef cattle—won't pay you so well. Then how can a scrub hen pay? And worse yet, how can she pay under scrub methods? Let's forget the idea that, because a hen is little, and doesn't look as big as a beef steer, she can't pay us a profit; and she will do it as does the steer, with proper feed and management.

So let's go after winter eggs and if we don't get them, find the reason, and next year correct this reason, and don't keep it from the public. If you find something good out of your experience, let the public have it. This is no secret business, just common sense applied, and the old hen is just as much to be proud of as any farm animal.

# Origin and History of the Orpingtons

By PERCY A. COOK, Scotch Plains, New Jersey



HY were the Orpingtons originated and by whom? This is an often asked question. The idea of making these birds came to Mr. Wm. Cook, because he saw that a better fowl, one that would be more useful, was required. This was back in 1876, and it was in that year that he started to make a bird that would lay more eggs in a year than any other bird, especially in the winter months when eggs were scarce and a bird that would be immune from climatic changes, heavier than other birds with plenty of meat for table purposes but of a fine quality, and still a bird that was handsome in appearance; he was successful in every detail as time has proved. He did not know at the beginning what name to call them but did know what qualities they must possess. He finally decided to name them after the town of Orpington, where he lived in England. Many people wonder where the name came from. When the Black Orpington came out, which was the first, and then the White, it was amusing to hear the comments from a few who were the jealous ones, saying it was wrong that another bird should be called an Orpington. They might just as well have objected to there being more than one variety of Rocks, Wyandottes, Leghorns, etc. But they knew from the success that attended the introduction of the Black Orpington that any bird that Mr. Cook produced would immediately become popular, and such was the case.

I will now describe how they were made, and also give a little advice to those who think of making a new breed or variety. Some people cross two breeds and because the progeny of some of them look real pretty they think they have a new breed and sometimes announce this fact, with the result, in a year it is forgotten. It takes years of breeding to establish a breed that will breed true enough to please the public, and this is an expensive business, because there are so many birds bred at first which can be used only for market purposes, and even after the bird is made, there is a lot of money that has to be spent in advertising it, as one has to advertise in the poultry papers to make sales and one must make sales in order to show the merit of the birds. I simply mention the above as a little advice, as often the persons who go in for this new breed making are people who have just started into the poultry business and have not much money, and if they start this breed-making they will soon have less. I write from my own observation, and I know of quite a number of failures simply through this.

Now for the origination of the Orpingtons, the name being taken from the town and also Mr. Cook's house, which was named Orpington House, being the manor house of that district and four hundred and fifty years old. The start of making the Black Orpington was in 1876. The word black does not do them credit, as they are a beautiful beetle green, which must be seen to be appreciated. At this time Mr. Cook had over three thousand pure bred fowls. He noticed that the Barred Plymouth Rocks often bred black birds, these of course being spots. These he found laid about forty or more eggs per year than the Barred Rocks, so he decided to use these as one of the breeds to cross. They also started to lay six weeks earlier and were very hardy.

Black Minorcas were the next birds selected; they laid very large eggs and their flesh was very white and tender. Mr. Cook selected cocks of this breed and mated them to pullets of the Black Rocks.

The Langshan at that time was the best winter layer, of a large brown egg; they were short on the leg and their flesh was of a very fine grain. Pullets produced from the two first breeds mentioned were mated to Langshan cocks. It took nine years careful breeding to obliterate the feathered legs of the Langshan, do away with the large comb, white earlobes and light body of the Minorca, and the yellow legs and beak of the Rock. It was in 1886 when they were first made public. They immediately took the lead as the greatest utility fowl, which they still hold. The demand for the Blacks is now tremendous and ever on the increase; I consider them the most handsome fowl in the world. They run a little larger than the other Orpingtons. They have lots of very fine and juicy meat,

lay a large brown egg and plenty of them, and are immune to climatic changes. Then there is a Rose Comb Black Orpington, brought out at the same time, but the Rose Comb Orpingtons have never become as popular as the Single Comb, although they are as good. Before the Black Orpingtons were out Mr. Cook was working on the production of the White Orpington. He started work on these in 1880, after several years in experimenting, to find out the best way to produce white birds. He started in by mating White Leghorn cocks with Black Hamburg pullets; most of the pullets from this cross came very white; these were mated to White Dorking cocks. Many of the offspring now came blue and barred, and it took many years to get the perfect white bird, and to do away with the five toes of the Dorking, white earlobes of the Leghorn and Hamburg, also the yellow legs, and light body of the Leghorn, but this was accomplished by 1889, when they were produced to the public. They immediately became very popular. They possess the same good qualities as the Blacks. In making the Rose Comb White Orpington the R. C. Dorking was used.

Even before the Black Orpingtons were out in public Mr. Cook was working on a third bird, perhaps the most popular of them all, the Buff Orpington. Work was started on them in 1885. At that time the Buff color was a very popular one in England, and he knew if an Orpington of this color could be made, that it was an assured success. Mr. Cook had his ideal thought out before he started, as he always did and worked until he arrived at it. In 1885, he started in by mating Golden Spangled Hamburg cocks with colored Dorking hens of good size (the colored Dorking is also known as the dark Dorking). Many pullets from this cross came of a reddish brown color; these were mated to Buff Cochin cocks, which came from the best laying strains that then existed in this breed. Hamburgs were selected because they laid more eggs than any other bird then in existence, also because of their very fine shape. The Dorking was used to get the length of breastbone and fine quality of meat. This bird had always been considered the best for table purposes, and when crossed with the Hamburg made marvelous layers. Cochins were used for their size and also for their good winter laying qualities. When one stops to consider what had to be done to produce the Buff Orpington, Mr. Cook's perseverance and patience can be well appreciated.

The Hamburg had blue legs, white earlobes and black tail; Dorking had black tail, and five toes on each foot. Cochins had yellow legs with an abundance of feathers on same. And yet the perfect Buff Orpington has white legs, free from feather, red earlobes, and Buff color throughout. It was at the Dairy Show in England that Mr. Cook first presented the Buff Orpington to the public. At that time he had nearly 2000 first-class specimens. In the history of poultrydom the advance of the Buff Orpington stands absolutely alone. There is a R. C. Buff Orpington as well. The Diamond Jubilee Orpingtons were brought out in 1897, and at a suggestion from a friend were called this name, as it was the Queen's Diamond Jubilee. They were made by mating the same breeds together as in the Buff Orpingtons, only the speckled Dorking was used last and instead of the dark Dorking. In appearance they have the same shape as the other Orpingtons, although their color is quite unique. It is composed of three colors, the ground or main color being a rich reddish brown, then a black bar, which, is usually a beetle green, and then tipped with white. The idea is more or less to represent the red, white and blue. The neck and saddle hackles are the prettiest ever seen in a fowl, a beautiful deep golden, with a thin black stripe in the center and tipped with small black and white bars. The Spangled Orpington was produced by Mr. Cook, after eight years work on them, by mating dark Dorking cocks to Barred Plymouth Rock hens; the pullets from these were mated to Silver Spangled Hamburg cocks.

The last Orpington is the Blue, which will become quite popular; Mr. Cook was working on these at the time of his death, eight years ago, and we dropped them for a few years, but my firm in England and myself over here have been working on them for the past several years, and they are now placed before the public. They are a light slate-colored blue with feathers laced with a

much darker shade, and possess the same good qualities as the other Orpingtons. One of the many advantages of the Orpington breed is that of the excellent selection one has to color; one variety of them is just as good as the other. They are the greatest utility fowls in the world, and lay better than any other breed, as proved by them leading in the different laying contests, and also the many prizes they win all over the world. A cold spell of weather does not stop them laying as in other birds. They are very hardy; start to lay at five months old, and keep right at it all through the winter. They are also the highest priced breed; Orpingtons sell at much higher prices than other birds and the demand for good birds is greater than the supply. This is why it is much easier to make money out of the Orpingtons, than any other breed. A short rhyme explains the whole situation in two lines:

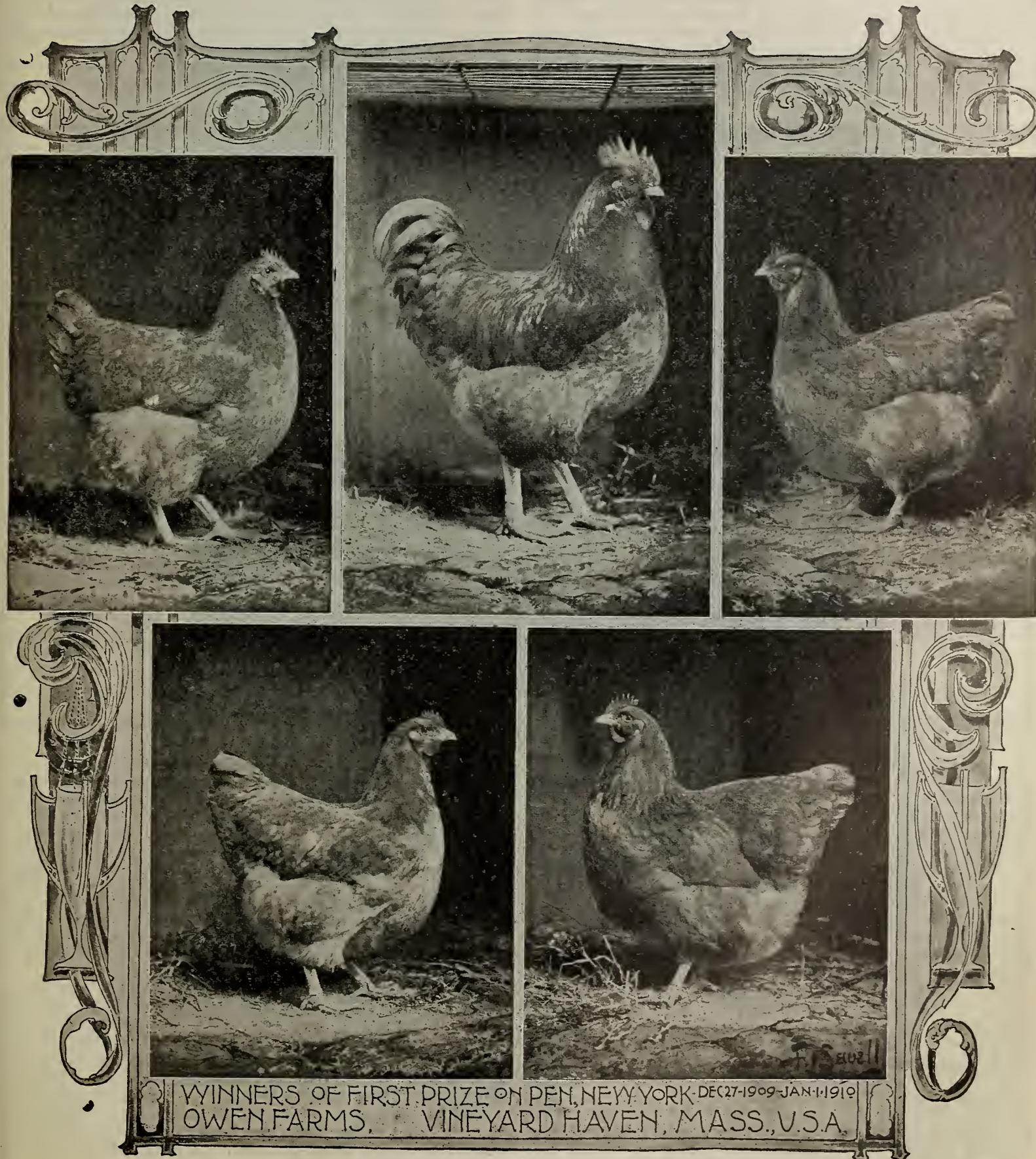
"No wonder Orpingtons are in such favor—  
The largest income from the smallest labor."

The birds are general purpose birds, make good mothers, very tame, and just as profitable as egg machines as for the broiler business or selling roasters; they cannot be put in the wrong place. Soil and climate are immaterial to them.

### To Break Dog From Sucking Eggs

To stop a dog from sucking eggs put one teaspoonful of tartar emetic in an egg and place where he can get it, but care should be taken that nothing else gets it. One or two eggs will be sufficient.

It is not the advertising that costs so; it's the stopping. The moral, therefore, is plain—never stop. Rent as much space as you think you can use to advantage and then run your big ads. when it is "off" if you want to do it that way, but run something in every issue.



# Roup Is The Worst Enemy of Poultry

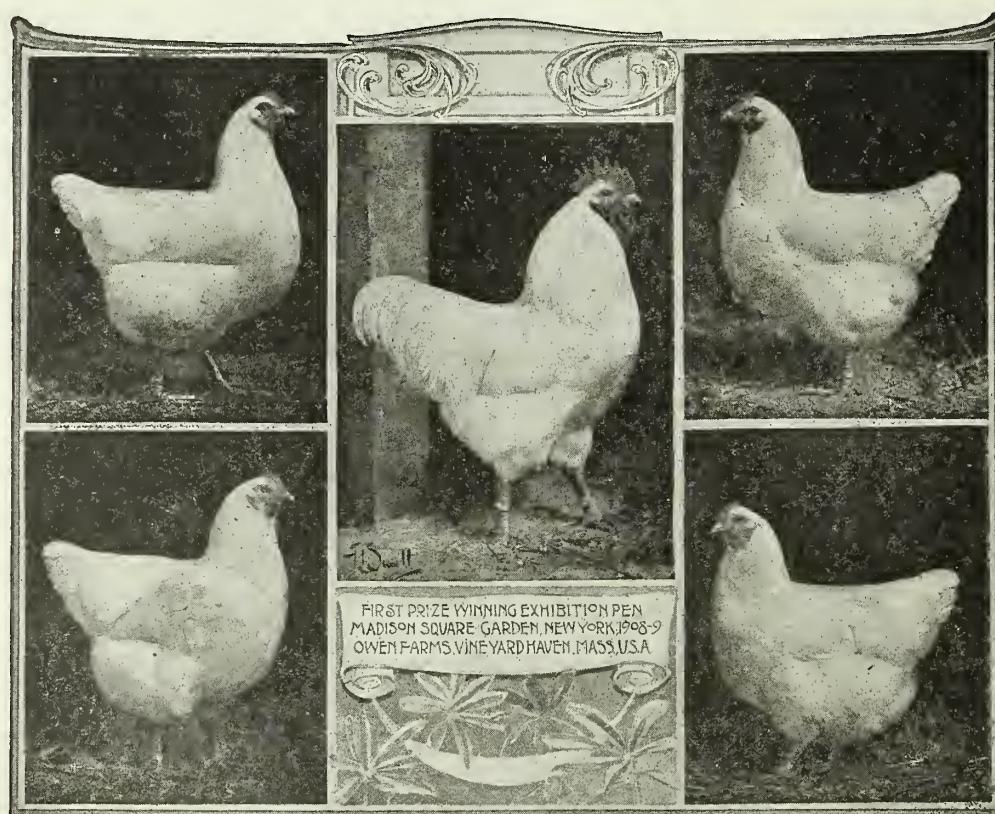
By PROF. J. W. BEESON, A. M., Ph. D., Meridian, Mississippi



ROUP is perhaps the worst enemy to poultry of all diseases, excepting white diarrhea which is so fatal to baby chicks. Roup doubtless kills more fowls than any other one cause. It is a germ and very contagious. When it gets into a flock it is likely to attack all of them, in some form or other, that are not immune. It is a kind of influenza for chickens such as La Grippe is for people. Anything that will give a chicken cold, such as damp houses, a draught, getting wet, will predispose a fowl to roup and either start a cold that goes into roup or puts a fowl in condition to take roup easily when the germ comes along. Not every cold is roup, however, no more than every cold among people is La Grippe. It seems sometimes to be atmospheric and you can't tell what causes it. Often however, it is brought in by fowls purchased or brought in from chickens that were at shows where others had it. As in all other diseases, "an ounce

tinues to get worse it had better be killed and burned. If left alone it gets thin and generally dies sooner or later. Genuine roup has a bad odor that can soon be detected in its latter stages. Smell the breath of the fowl to be certain of roup. The discharge from its nostrils mats its feathers under its wings when it sleeps.

Most cases can be cured, but the birds should not be kept as breeders if they have had a genuine case of roup. A common cold is not contagious but roup is. Many people mistake chicken pox, commonly called "sorehead," for roup. They are both germ diseases and both cause heads to be sore but they are doubtless different germs and different diseases, though a fowl may have both at once, like children may have measles and whooping cough both at once, yet be different cases with some symptoms alike. "Sorehead" is like small pox among people, has similar symptoms. The sores come only on the head because the comb and wattles are the tender places. Roup causes the head to swell on one side or the other, or both, but has not the separate pimples and scabs noticeable in "chicken pox."



of precaution is worth a pound of cure." Keep houses clean and dry, spray roosts and scratching material once a week with kerosene into which a little carbolic acid or creoline has been added. Have houses near air tight on North, East and West sides and open on South so plenty of fresh air without draughts can be had. Keep them in a good healthy condition and they will not be easy to take roup or any contagious disease.

A spoonful of kerosene in the drinking water once a week is a good germ killer and preventative. Permanganate of Potash enough in water to tint it a little is a good preventive of roup or any other disease spreading. A little carbolic acid in water will do as well.

In its first step one cannot detect the difference between it and a common cold. They both may cause a watering of eyes and nose, some swelling of eyes or head sometimes. It is best when a fowl has a cold to separate it at once from all other fowls, feed lightly nourishing food with one of the above mentioned medicines in its drinking water. With a machine oil can containing kerosene oil with two per cent carbolic acid or creoline, a little camphor or moth balls in it, inject a drop in each nostril and roof of its mouth once or twice a day for a few days, generally three or four days will cure it. If it con-

Recently a remedy has been discovered that claims to make fowls immune from roup by injecting some of it under the skin. We have never tried it at the Woman's College Poultry Farm, though we intend to soon. If this is practicable, and I do not doubt it, it will be quite useful among valuable fowls sent to shows or purchased from other flocks to inoculate before bringing into your flock. It is likely that a different remedy must be prepared for "sorehead" otherwise known as "chicken pox," and it is likely to be discovered by scientists at an early date. This method would be impractical as a preventative on a large scale. It would be useful only where a few are to be treated and they of considerable value.

When an inexpensive, practical, specific has been found for white diarrhea, roup and sorehead, chicken raising will be a bonanza. Now cholera is not so dreaded as formerly because cleanliness and pure feed have largely prevented it. A tablespoonful of salts to the grown fowls once a week and the same amount of sulphur once a week three days apart from July to October will, to a large extent, prevent sore head and make mild cases of most that have it. This also keeps fowls in a healthy condition in the hot season to resist other diseases. It is a help in fighting roup and cholera.

## Women as Successful Poultry Keepers

**W**OMAN to-day stands without successful rivalry in poultry culture. It is an outdoor industry suited to her strength and needful to her health. It is strange that more women have not taken up this fascinating business. It is an industry that gives fresh air, wholesome exercise and sunshine. It also helps provide satisfaction at the festal board, makes bloom on the cheeks,



Master of the Flock

eyes sparkle like diamonds, and besides it will fill the purse with gold.

The weary mother, worn with nursery cares, can find expanse and freedom in this pursuit, and at the same time add to the family storage of her honest husband's toil, or, if the larder be full, she can indulge in some extravagant taste about the home.

It gives the girl behind the counter an outing in free and easy style within the seclusion of the back yard, when her daily work is done. It is recreation for the weary teachers. It keeps the growing girl from idleness and allows her to grow like the flowers fanned by the breezes and kissed by the sun, thus giving her the health and beauty that no house plant could possibly have. Young women in your homes of ease, with time heavy on your hands, cultivate poultry! Your cheeks will glow with rich red color, rivaled only by the brilliancy of the plumage of your pets, and your eyes will be brighter than the dollars this business brings you. It will give you health and it will bring you wealth.

I can assure you there is nothing more fascinating, nothing more invigorating, nothing that brings more joy and happiness than the rearing of beautiful birds. To the woman who gives it her time and attention and makes it her vocation, there is no domestic labor with such great reward, and no other reward so varied in its beneficial influence. It is strictly within the realm of woman. Her kingdom is the home and she can stay at home and do this work.

I know one frail, delicate little woman who began six years ago, without any knowledge of the poultry business with a few birds. She has gradually increased her capacity and stock, always getting the best she could afford, until now she has a business that has paid for a nice home and she is laying up money to educate her children. Of course she had ups and downs and many disappointments and failures, but she was determined to succeed and she did not give up.

That there is money in poultry keeping, the proof is very abundant. But if you will study the successful poultry plant, whether utility or fancy, you will find out that

success was attained by hard work, persistent efforts and a never-give-up spirit.

Take up poultry culture for recreation and you will be better for it. It will be far more beneficial than physical culture, not to mention the profits.—Mrs. P. B. Moses, in *Southern Planter*.

## Five Hundred Farmers Are Wanted

**L**ITTLE SAM wants five hundred men to take up homes on the irrigation projects he has been building in the West. More than 8000,000 acres are receiving water from the Government ditches, and late reports from the field indicate that bumper crops have rewarded the farmer in practically all sections of the irrigated West. The crop yields on the projects of the Reclamation Service are truly remarkable in view of the fact that much of the land is practically new and many of the farmers were unfamiliar with irrigation methods until they acquired these farms.

A surprising feature that impresses visitors to these lands is the modern conditions that already surround the settler on many of the projects. Rural telephones, centralized graded schools, good transportation facilities, and towns at short intervals are some of the things that rob life on these new lands of many of the trials of pioneering.

The available lands are all in the Northwest, mainly in Montana, South Dakota, Wyoming and Idaho. This is the best season of the year to make a personal inspection of the farms, and different railroads offer low round trip rates to various sections. Residence does not have to be established for six months after filing, and the act of June 6, 1912, reduces the required residence from five to three years. Payments for water right are divided into ten annual installments, and if necessary, five months leave of absence each year is permitted, so that it is practical for a man with from \$1,000 to \$2,000 capital to acquire one of these desirable farms and make it pay. Booklets and information will be furnished on request by the Statistician of the Reclamation Service at Washington, D. C.

## President Hicks Not a Candidate

Editor Industrious Hen:

At the coming election of the American Poultry Association, I will not be a candidate for President, nor for a place on the Executive Board. In twice electing me to the Executive Board, and in twice electing me President, practically by acclamation, I feel that the great honors thus shown should be passed on.

Added to this, I must consider the fact that as editor



Reese V. Hicks, President A. P. A.

of a poultry journal, I must devote more time to my newspaper work.

Allow me to express my appreciation for the honors shown and hearty support received from my many friends in the past. With best wishes, Cordially,

REESE V. HICKS.

# THE INDUSTRIOUS HEN

AND

TENNESSEE POULTRY JOURNAL

Devoted to Every Interest of the

Commercial and Fancy Poultryman

Entered at Knoxville, Tenn., Postoffice as second-class matter

S. B. NEWMAN &amp; CO. .... Publishers

ADDRESS ALL CORRESPONDENCE TO  
The Industrious Hen Co., Knoxville, Tenn.

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## The Express Companies are "Getting Theirs"

**F**OR more than a quarter of a century influences have been at work to secure a reform in the manner of transportation of small packages in the United States. The parcel post has been one of the remedies most popularly supported. While many men have been working with the purpose of having the post-office system care for the handling of small packages, another class of interests have been fighting for cheaper express rates under the present plan of conducting the transportation business by these same express companies. There has, in short, been a general recognition of the fact that something is wrong in the express companies' methods of charges, and this conviction having become general throughout the country, the remaining difference of opinion has been as to the advisability of methods whereby the evil could be reached. During the time the advocates of the parcel post have been making sentiment, and while the commercial organizations everywhere have been active in preparing an indictment against the express companies, the companies themselves have apparently been "only slightly interested." The cool, calculating and continued arrogance of the heads of the express companies has no parallel in the business affairs of the country. Almost for the first time in twenty-five years they have at last been brought to their knees, and are now squealing distressingly. But in the troubled hours only the railroad companies who have shared in the spoils, are lending aid and sympathy.

Undoubtedly the greatest factor for reform in the postal and express carriage business in this country, is James L. Cowles, the white haired veteran who for thirty years has kept the issues between the people and the express companies alive. He is the father of the parcel post movement in America, but is radically opposed to carrying on the business under the zone system as provided in the recent legislation. Mr. Cowles now comes forward with specific statements in reference to the express companies. In his speech before the Interstate Commerce Commission he argued for a flat rate regardless of the distance hauled, the same as exists in the postal system. He said the American Express company at present carries parcels from Europe up to eleven pounds weight at a flat rate of twenty-seven cents to any part of the United States. He believed that such service could be given to

the people of this country at a profit to the carriers, provided their business was managed efficiently.

The express companies declare that the new rates ordered by the Interstate Commerce Commission will cause them a loss of \$16,000,000 yearly. They declare this would practically ruin them. However it is quite certain that the new rates being ordered by the Interstate Commerce Commission will stand, and that hereafter the express companies will have to submit to the same kind of regulation that the railroad companies have been compelled to accept.

## The Greatest Yield in America's History

Secretary of Agriculture Wilson makes the statement that "the total value of farm production for 1912 will be over \$9,000,000,000, the largest agricultural yield in the history of the country. The total value of 1911 farm products was \$8,417,000,000, as compared with \$8,694,000,000 in 1910." The figures are for farm products of all kinds, including animals.

The American potato crop this year will total 401,000,000 bushels, as compared with a crop of 293,000,000 last year. New England railroads started in this week to advance car rates for transporting the bumper Maine potato crop, by increasing the cost of the "heater car" service. The Interstate Commerce Commission promptly forbids any raise in present rates.

Brother D. Lincoln Orr bemoans the fact that the A. P. A. did not snap up the offer made by Chicago. He says he favors Chicago, even if other cities offer more. This reminds me of a remark made by a good labor union man a number of years ago. He was about as anxious as D. L. is, and when he found his proposition was all "to the bad," and being interrogated as to his next move, replied, "I'll go get the president, and I'll be damned if we don't do it anyhow."—E. H. D.

Since leaving Tennessee for my new home in Indiana, a great many people have called to inquire concerning the poultry industry in the South. All seem agreed that the South is the natural home of poultry, and the future of the industry rests largely upon the efforts of that section. I never tire of telling of the wonderful opportunities offered in the South to those willing to engage in scientific poultry culture.—E. H. D.

We regret the retirement of Miller Purvis from the field of poultry journalism. His pen has been a power in the industry for many years, and a power for good.

## Of Course the Hen is the Greatest

Mr. Percy H. Whiting, in writing up the Atlanta (Ga.) Show for the Georgian, had the following to say of our traveling representative, Mr. F. A. Goodlin, and the Hen:

"F. A. Goodlin, representing The Industrious Hen, of Knoxville, is on the ground and is writing subscriptions galore to his magazine. The Hen is easily the greatest of Southern poultry magazines. It is being steadily improved in pictures and in reading matter, and it is forging its way to the front. Right now it ranks with the best in the country."

## Received \$20.00 for \$1.00

Sweetwater, Tenn., Oct. 10, 1912  
 Industrious Hen Co.,  
 Knoxville, Tenn.,

Gentlemen:—

Please advise me when my classified ad. expires. Do not let it expire. I think it is paid for until November. I do not want my ad. to miss appearing in a single issue of The Hen. A \$1.00 Breeders' Card with you was worth more to me than a \$20.00 display ad. elsewhere. Yours truly,

Jas. R. Brown.

# NOTICE, SHOW SECRETARIES

If in need of a competent and reliable Poultry Judge, write L. G. Cary, Trimble, Ohio, judge of all breeds. Can furnish references. Judge by Score Card or Comparison. A few open dates yet for the coming show season. Also breeders of Single and Rose Comb Rhode Island Reds, Partridge Wyandottes, White Leghorns, Mottled Anconas, White Cornish, Indian Runner, Rouen and Pekin Ducks. All kinds of Bantams. Catalogue free.

**L. G. CARY, Trimble, Ohio**

## Poultry Shows & Associations

By EDW. M. GRAHAM.

### The Great Armory Show.

At a meeting of the stockholders of the South Central Poultry Association, held in Louisville, Kentucky, Sept. 11th, the following officers were elected: J. L. Gribble, Louisville, President; J. C. Dinsmore, Kramer, Ind., First Vice-President; Harris Lehman, Midway, Ky., Second Vice President; E. B. Rogers, Cincinnati, Ohio, Third Vice-President; John A. Murkin, Nashville, Secretary and Treasurer.

The above officers, together with Theodore Hewes, Indianapolis, Ind.; A. E. Martz, Arcadia, Ind.; H. C. Dipple, Indianapolis, Ind., and Geo. Rudy, Mattoon, Ill., constitute the executive committee.

It was decided to hold the First Annual Exhibition of the South Central Poultry Association at Louisville, Kentucky, Dec. 23-28, 1912. The Big Armory building, one of the finest show rooms in the United States, has been leased. Contracts for uniform cooping have been placed and the following well known judges have been engaged. Fred Kummer of Penn.; O. L. McCord of Ill.; H. A. Pickett of Indiana; W. C. Pierce of Indiana and Theodore Hewes of Indiana. The premium list is now being arranged and will be ready for mail November 1st.

The South Central Poultry Association proposes to make the great Armory show the battle ground for breeders, north, east, south and west. Louisville being centrally located offers magnificent opportunities for one of the best shows on the American Continent. Address John A. Murkin, Secretary, Nashville, Tenn., for any information concerning the big Louisville show.

The East Mississippi Poultry Association announces its fourth annual show to be held in Meridian, the largest city in Mississippi, December 9-14, 1912, and will without doubt be the greatest exhibition of poultry and pet stock ever held in Mississippi. The American Poultry Association will hold its annual meet in conjunction with this show, and already many of the most prominent breeders in the South have advised the Secretary that they will have an exhibit at the show. Handsome silver cups, cash specials and ribbons will be offered on every standard variety, in addition to the regular cash prizes. Mr. Johnston, of Indiana, a man who has judged at some of the biggest shows in the United States, and who stands

### SHOW DATES.

Morganton, N. C., Nov. 20-23, 1912.  
Little Rock, Ark., Nov. 25-30, 1912.  
Morganton, N. C., Nov. 26-29, 1912.  
Lake Charles, La., Nov. 26-29, 1912.  
Covington, Ga., Nov. 28-30, 1912.  
Falls Church, Va., Dec. 3-5, 1912.  
Peoria, Ill., Dec. 2-7, 1912.  
Winston-Salem, N. C., Dec. 10-13, 1912.  
Parsons, Kansas, Dec. 23-28, 1912.  
Taylor, Texas, Dec. 3-5, 1912.  
Lincolnton, N. C., Dec. 3-6, 1912.  
Hydro, Okla., Dec. 4-7, 1912.  
Bennettsville, S. C., Dec. 9-14, 1912.  
Victoria, Texas, Dec. 11-14, 1912.  
Corsicana, Texas, Dec. 11-14, 1912.  
Chattanooga, Tenn., Dec. 16-21, 1912.  
Atlanta, Ga., Dec. 16-21, 1912.  
Shelby, N. C., Dec. 19-21, 1912.  
New Orleans, La., Dec. 19-22, 1912.  
Louisville, Ky., Dec. 23-28, 1912.  
DeSoto, Mo., Jan. 1-3, 1913.  
Morgantown, W. Va., Jan. 8-11, 1913.  
Blue Island, Ill., Jan. 8-11, 1913.  
Charlotte, N. C., Jan. 10-14, 1913.  
Norfolk, Va., Jan. 7-10, 1913.  
Plainview, Texas, Jan. 7-10, 1913.  
Spartanburg, S. C., Jan. 7-10, 1913.  
Charleston, W. Va., Jan. 7-11, 1913.  
Roanoke, Va., Jan. 7-11, 1913.  
San Antonio, Texas, Jan. 7-12, 1913.  
Washington, D. C., Jan. 14-17, 1913.  
Stateville, N. C., Jan. 14-17, 1913.  
Columbia, S. C., Jan. 28-31, 1913.  
Columbia, S. C., Jan. 28-31, 1913.  
Fort Worth, Texas, March 18-23, 1913.

high in the poultry world, will place the awards by comparison.

Every poultry breeder should have one of the handsome premium lists, whether you expect to show or not. Write the Secretary, V. W. Moss, Meridian, Miss., and he will be glad to mail you one, or give you any other information wanted.

A mammoth poultry show will be held at Peoria, Ill., the first week in December. The show will be held under the auspices of the Peoria Poultry and Fanciers' Association. Judges O. L. McCord, of Danville, and W. C. Pierce, of Indianapolis, Indiana, will judge the poultry, and Judge Geo. Ewald, of Cincinnati, will judge the pigeons. The show is to be fully cooped and the judging will be by comparison. Write Frank E. Rue, Sec'y.

The Columbus (Ga.) Poultry Association, which will give its show this year in connection with the Georgia-Alabama Fair, Nov. 27 to Dec. 7, announces that it will have six thousand feet of floor space for its own exhibits. There will be more than

### Baltimore, Maryland, Poultry and Pigeon Association's Show

December 31st, 1912  
to January 4th, 1913

**THE ARMORY**—Where the Democratic Convention was held. America's best Judges. Useful Sterling Silver Specials. Many new features of great advantage to fanciers. Premium List sent on application. Entries close Dec. 15th, 1912.

**GEO. O. BROWN, Sec'y**  
2027 E. North Avenue, Baltimore

## CARTER'S BROWN LEGHORNS

Have won over 500 premiums at 30 big shows under 25 National Judges. Compare this record with all breeders before placing your order for Cocks, Hens, Cockerels, Pullets or breeding pens. Free circular tells it all to you.

**E. E. CARTER**  
Dept. I. H., Knoxville, Tenn.

## LaFollet's WEEKLY MAGAZINE

and The Industrious Hen, both one year, and a copy of "Hen and Chicks" for \$1.25. Send orders to The Industrious Hen, Knoxville, Tenn.

## THE SOUTH'S LARGEST 1912 SHOW

Fifth Annual Exhibition of the Little Rock Poultry Association, Inc.

November 25, 26, 27, 28, 29 and 30, 1912

Official Show of the Southern Branch National S. C. Buff Orpington Club.  
Official Show of the Southern Branch National Black Orpington Club.

Official State Show of the White Plymouth Rock Club, White Orpington Club and State Branch Show of the A. P. A.

Write the Secretary for Premium List, Entry Blanks and Shipping Tags, now ready.  
**JAMES V. JOHNSON, Sec., 820 State Bank Bldg.**

Little Rock, Ark.

# This 50¢ metal hopper full of PURINA Chicken Chowder Only 30¢



I will give you, through your dealer, this practical, serviceable, well made metal

hopper, chock full of Purina Chicken Chowder, both for 30 cents. I make this remarkable offer solely to get you acquainted with the *egg-producing* powers of **Purina Chicken Chowder** — a dry, egg-laying mash, consisting of approximately the same chemical ingredients found in an egg. It is composed of alfalfa, granulated meat, middlings, bran, corn meal, linseed meal and charcoal.

## "If Chicken Chowder won't make your hens lay, they must be roosters"

Chicken Chowder assures you an abundance of eggs during the *fall* and *winter*, when prices are *highest*. You cannot afford to be without it. Ask your feed dealer or grocer *today* for a metal hopper full of Purina Chicken Chowder. This offer is made *through dealers only* east of the Rocky Mountains. If your dealer cannot supply you, let me know his name.



## Valuable Poultry Book Free

In return for your dealer's name, I will send you my 48 page Purina Book, with ruled forms for egg records and accounts, plans of houses, coops, fixtures, etc., cures of diseases, breeding charts, etc. Write today.

Col. Purina, Ralston Purina Mills,  
819 S. Eighth St., St. Louis, Mo.



## Single—WHITE ORPINGTONS—Comb

Prize winners at seven of Kentucky's best poultry shows, including Lexington and the State Fair at Louisville. Took 75 per cent of all cups and ribbons shown for, and in some cases every "Blue." Won Display Special at Ky. State Fair and others. Limited number of Cockerels for sale, \$5.00 each. Eggs for sale in season at \$3.00 and \$5.00 per fifteen.

W. B. GWYNN & SON, 355 E. Main St., Georgetown, Ky.

## LANSDEN'S FAMOUS RHODE ISLAND REDS

Again stamp their superiority at the great Tri-State Fair. Meeting the best from four States, and a bunch from one of the "Eastern Would-be Kings," by taking 8 prizes including first cock, first cockerel. Lots of show birds for you, and before you go up against it, you had better write me. My customers are winning all over the south and west. My customers' list, "if you could see it," would surprise you.

Licensed Poultry Judge.  
21 years experience in the business. H. B. LANSDEN, Manchester, Tenn.

1,500 birds entered. The premium list contains many valuable prizes.

The poultry show at the Tri-State Fair at Memphis, Tenn., the last week in September, was everything that could be desired. The exhibits were large and varied. The S. C. R. I. Red class was the largest with 175 birds entered. The Barred Rock class came next, one breeder having 40 entries on exhibition. The S. C. White Leghorns were represented by about 100 entries. There were strong classes of Orpingtons and Wyandottes. Indian Runner ducks were out in force, both in the fawn and white. Nearly all classes of poultry were exhibited and prominent Northern breeders had quite a number of birds entered.

The Burke Poultry Association will hold its third annual show at Morganton, N. C., December 20th to 23rd. This Association held one of the largest and best managed shows in the "Old North State" last year. Every premium was paid in cash before the close of the show, and many little courtesies were extended to exhibitors; this is not customary even in shows national in scope. This year Messrs. Percy A. Cook and R. L. Simmons will place the awards under the comparison system. Tennessee fanciers will certainly do well to make this show, and can depend on an absolute square deal. Premium list is now ready for mailing, and can be had by addressing the Secretary, C. D. Forney, Morganton, N. C.

The second annual show of the Hamblen County Poultry Association will be held at Morristown, Tenn., December 11, 12 and 13. The premium list for this show will be double that of last year, containing in addition to the club premiums, a large number of special prizes, cups, and large cash premiums. The business men of Morristown, commercial organizations, farmers' organizations, and the people of this section generally are manifesting a keen interest in the coming show and are co-operating with the officials to the end that it shall be the greatest ever attempted in East Tennessee.

The Cleveland County (N. C.) Poultry Association will hold its second annual show December 19-21, at Shelby, and the officers of the Association will spare no pains to make this show a representative one in every particular. Full information can be had by writing H. W. Braswell, Secretary, Shelby, N. C.

Winston-Salem (N. C.) Poultry Association is making preparations for one of the largest and best shows ever held in that State. The dates are December 10-13. For entry blanks and further information write Wm. Cary Brown, Secretary.

The Illinois State Show will be held in Springfield, January 6-12, next. Extensive preparations are being made to make this, one of the biggest shows of the season. The premium list includes silver cups, beautiful ribbons and gold leg bands. The awards will be placed by six of the best poultry judges. The National White Rock



## If Your Fowls Could Vote—

And if you as a poultry raiser complied with the specific requirements in the matter of proper feeding, as expressed by *their votes*—you'd start feeding Darling's Meat Scraps to your chickens at once.

If the occupants of your poultry house were *able* and were given the opportunity of voting—they, having their own welfare and best interests at heart, would stuff the ballot box with votes for

## Darling's High Protein Meat Scraps

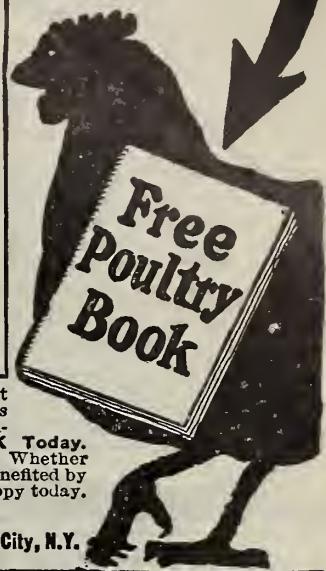
for the following reasons:

- X First—Because They are guaranteed to contain 55% Protein. This means about 10% more feeding value than the usual run of Scrap.
- X Second—Because They are fine ground and of low fat content. This is in accordance with the recommendations of every State Experiment Station.
- X Third—Because They are uniformly fresh and quality sure. Because you always get the same kind tomorrow that you had today, and you won't have to disturb your ration from time to time. The quality is standard.
- X Fourth—Because There is no substitute—no other "just as good." Refuse to accept substitutes, as no other gives as good results.
- X Fifth—Because As honest, progressive, well-meaning fowls they want to be properly nourished—consistently fed—know Darling's to be the World's Best Meat Scraps.

Don't wait until after "Election Day" to find out what your fowls require—post yourself concerning Darling's Meat Scraps now—and be sure of winter eggs and increased egg profits. Send for Our **FREE BOOK** Today. It tells how to increase egg production and egg profits. Whether you own 25, 50 or 500 fowls, you will be tremendously benefited by reading and studying this book. Write for your free copy today.

Darling & Company, 4208 Ashland Ave., Chicago

The Van Iderstine Company, 23 Railroad Ave., Long Island City, N.Y.



Club, also National Buff Rock Club will meet at Springfield. 1,000 Rocks will be in competition, and the White Rock breeders alone offer \$500.00 in cash specials. Further information, premium list, etc., can be had by writing T. S. McCoy, secretary, Springfield, Ill.

The fifth annual show of the Little Rock Poultry Association will be held at Little Rock, Ark., Nov. 25-30th inclusive. This is the official state show of the Arkansas Branch of the National Buff Orpington Club, and no pains will be spared to make this show the best one yet. The management expect to have on exhibit 4,000 birds, and are looking for Tennessee breeders to furnish their quota of this number. Judges C. A. Emory, F. J. Marshall and F. H. Shellanbarger will place the awards. See display ad. elsewhere in this issue.

The Lynchburg, Va., Poultry Association will hold its annual show, Dec. 10 to 13 in the new City Auditorium. This is one of the finest show buildings in the South, and exhibits will show to their best advantage as there is plenty of light and room. The premium list contains a large number of attractive special prizes. Mr. Chas. Nixon has been engaged as judge. Richard H. Anderson Sec.

The poultry exhibit at McNairy County Fair, held at Selmer, Tenn., attracted much attention and shows that greater interest is being manifested in the poultry industry in McNairy and adjoining counties.

At the Dickson County Fair, Dickson, Tenn., which closed Oct. 11th, the poultry exhibit was exceptionally good. A special feature of the Fair was an address by Capt. T. F. Peck, Commissioner of Agriculture.

The Terre Haute (Ind.) Poultry Association will hold its annual poultry show December 17-22. The awards will be made by Judge D. E. Hale, of Quincy, Ill., and the judging will be by comparison. The Secretary, Mr. H. V. Milligan, 1511 S. 17th St., Terre Haute, Ind., will be glad to furnish further information.

The poultry exhibit at the Alabama State Fair, held in Birmingham, October 3-12, was a splendid show. There were nearly three thousand entries, representing all classes of poultry, and many thousands of people viewed the exhibits daily.

### Marion, Ind., Poultry Show.

The Northern Indiana Poultry Association was organized with the purpose of getting the breeders together and encouraging with example and precept to better methods and better flocks. We are, perhaps unique in poultry association in that we have regular bi-monthly meetings and that they are well attended. A paper on some timely subject pertaining to the poultry interest is read and discussed,

## Anderson's Prize Winning RHODE ISLAND REDS

Make sure that you will win the ribbons. Show Anderson's famous Single Comb Rhode Island Reds. Winners of more and higher awards than all my competitors combined at three leading Southern shows last season. Elegant, carefully selected stock. Single birds and pens. Write for descriptive booklet and prices.

E. F. ANDERSON, Clinton, Miss.



## RICHARDSON'S ROSE COMB REDS

MADISON SQUARE GARDEN, BALTIMORE, HAGERSTOWN, won this season five firsts, four seconds, four thirds, one fourth, five fifths. WRITE YOUR WANTS.

MEMBER RED CLUB and AMERICAN POULTRY ASSOCIATION.

M. C. RICHARDSON, JR.

: Front Royal, Va.

## BUFF PLYMOUTH ROCKS

Great Breeders and quality young stock for sale. Can please you in exhibition birds for early shows.

JEFFREY & HERVEY

: Raleigh, N. C.

## '\$225 to be given to Owners of Pittsfield Barred Rocks

Has the limit for early egg production been reached?

Pittsfield Barred Rocks are famous for early maturity.  $3\frac{1}{2}$  months is our record.

Our customers have beaten that. What can you do? Your skill may win one of these prizes.

\$50 for the first egg in the shortest time from pullet raised from a Breeding Pen purchased of us.

\$50 for the first egg in the shortest time from pullet raised from Hatching Eggs purchased of us.

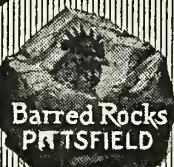
\$25 for the first egg in the shortest time from pullet bred to a cock or cockerel purchased of us.

In case of a tie the prize will be divided equally between the winners. Contest closes December 1st, 1913. We can supply you with stock to enter this contest. Prices low now. We guarantee safe delivery.

### Send for "Money-Making Poultry"

Whether you run your poultry yard for profit or pleasure, you should have this book. An entirely new edition. Copy free for the asking.

PITTSFIELD POULTRY FARM CO.  
22 Main St., Pittsfield, Me.



and at times we have some authority on poultry culture to give us lectures. We have had A. G. Philips, of the Indiana Agricultural School, to deliver three lectures and they were very much appreciated. At the time of our organization we had no thought of ever giving a show, but the trend was inevitable in that direction, and our meetings have of late been devoted to ways and means for the show, which we are to put on from the 11th to the 14th of December. Our premium list is now ready and will be sent on request to any one, and we take some pride in the fact of putting out a handsome book. Our premiums are guaranteed, and will be paid in full.

We are fortunate in having secured the services of Mr. J. C. Clipp for our judge, as he is widely known and has a reputation for the fairness of his awards.

For information concerning our association or show, write to the Secretary of the Northern Indiana Poultry Association.—Frank Sherwin, Sec., Marion, Ind.

The great Tri-County Poultry Show (Hamilton, Bradley and McMinn counties), will be held at Cleveland, Tenn., Dec. 3-6, 1912. Full particulars, premium list, entry blanks, etc., may be had by addressing the Secretary, Mr. A. J. Lawson, Cleveland, Tenn.

The writer of this article was present at the first anniversary meeting of the Alabama Poultry Association held in Birmingham, at Chamber of Commerce rooms, Friday evening, Oct. 11th. It was the first birthday celebration of this lusty youngster of Alabama's metropolis, and a memorable occasion for all who attended. After routine business was attended to, the President, L. A. Whitehead, presented Dr. Hal F. Halstead as toastmaster, and an old fashioned love feast was indulged in by as fine a bunch of poultry cranks as ever set a hen. Quite a number of prominent visitors being present, the association was delightfully entertained by timely and spicy remarks from each one, together with talks and felicitations by many members of the association. Dr. Halstead, as toastmaster, kept things lively and in a serio-comic way presented the different speakers in such appropriate remarks that not one dull moment was experienced during the entire meeting.

The visiting gentlemen present, and taking part in the entertainment were: Asa Candler, Jr., Briar Clift Farm, Atlanta, Ga.; S. Hartman, Kenmore Farm, Nashville, Tenn.; Mr. Johnson, Hermitage Farm, Hendersonville, Tenn.; Mr. Hurst, representing the Alabama Leghorn Farm, Mulga, Ala; Chas. Kern of the American Poultry Journal; F. A. Goodlin, of the Industrious Hen, Knoxville, Tenn.; W. J. Root of Practical Poultry, a new publication of Birmingham.

Members of the association present and taking part in the celebration were:

L. A. Whitehead, President; Miles Bradford, 1st Vice-President; H. J. McCafferty, 2nd Vice-President; Kyle Lawson, Secretary; F. S. Fletcher, Ass't. Secretary; D. P. Durban, Treas-

## FOGG'S SINGLE COMB WHITE LEGHORNS

are bred for SHOW QUALITY and HEAVY LAYING. Get our prices on breeding birds and young birds. Our show birds will win for you in any show. Write us your wants now.

N. V. FOGG -:- -:- Box A, Mt. Sterling, Kentucky

## EADY'S S. C. R. I. REDS

Winners at many leading shows—Birmingham, Mobile and Gadsden, Ala.; Houston, Texas; Meridian, Miss., and Tullahoma, Tenn. At the Alabama State Fair, 1910, we won three cups—two Club cups, one the Rhode Island Red Club of America for the best winning; one the National Single Comb Rhode Island Red Club cup for the best pen of Reds. Won the other cup for the best cock, cockerel, hen and pullet. We won first pen at the Alabama State Fair, at Birmingham, three years in succession. We have won six cups in the last three years. Pens mated January first. We are now selling eggs at half price, per setting of 15. Send your order today. Some good stock for sale, write for prices.

C. W. EADY, Guntersville, Alabama

## Buff=WYANDOTTES=White

The finest lot we ever raised, bred from our winners at Madison Square Garden, Cincinnati, Louisville, etc. 1000 for sale at living prices. Special prices for early buyers, on selected breeders or exhibition birds. We can furnish winners and money-makers. Write your wants.

Power & Cablish SQUARE DEAL POULTRY FARM Box 532 J, Maysville, Ky.

## Buff Ply. Rocks, 'Giant' Strain Bronze Turkeys, Indian Runner Ducks

Quality backed by years of careful breeding. Our birds are winners in our hands and customers at Louisville, Cincinnati, Chicago, Boston, Indianapolis and Atlanta. If you wish quality, combined with honorable treatment, we can fill your orders and at prices most reasonable. Stock in either variety mated, no kin, and in any number. Write for prices, etc.

J. C. CLIPP -:- Box 700, Saltillo, Indiana

## GABHART'S WHITE LEGHORNS

Line Bred. Win at the big shows, Louisville, Lexington, Cincinnati, Atlanta, Knoxville, Kentucky and Tennessee State Fairs. Old and young stock for sale of the best quality only. W. E. GABHART

Box M, Bohon, Kentucky

**Lean Meat,  
Gristle & Bone**

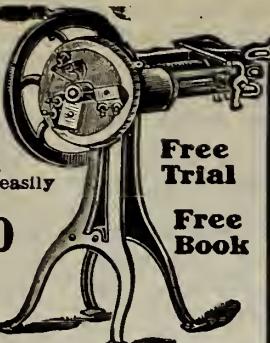
Greatest of all egg makers—costs least, produces best results. Prepare quickly and easily with the

**STANDARD**

**Bone Cutter**

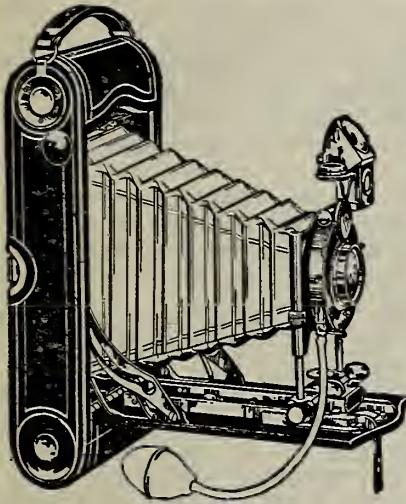
Greatly improved this year. No other runs so easy or does such good work. Cut is different from others. Handles green or dry bone, clean or meaty, large or small. Cuts with or across grain. Sent on trial. Test for yourself. 12 sizes. Write today for Free book.

STANDARD BONE CUTTER CO., MILFORD, MASS.



**FREE  
TRIAL  
FREE  
BOOK**

*If it isn't an Eastman, it isn't a Kodak.*



The quality of your picture depends as much on the simplicity of your camera as upon the quality of its lens and shutter and mechanism.

**KODAKS**

combine simplicity with quality. There are no annoying details in the operation of the Kodak. Kodaks bear the same relation to a plate camera that the automatic gun bears to your grandfathers muzzle loader. Kodaks are simple, efficient, reliable. They are designed by the most experienced camera makers in the world, are made in the largest and best equipped camera factory in the world, are fitted with lenses of the highest type, each one individually tested both by the lens maker and by our own testers. Kodaks are made by men with whom honest workmanship has become a habit.

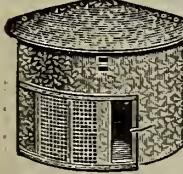
There's no dark-room in the Kodak system of picture making. The Kodak is complete ready to use with daylight loading film cartridges—there's no extra investment in plate holders as in the case of a plate camera.

Kodak means photography with the bother left out—means good pictures, real value for your money.

Catalogue free at your dealers or by mail.

EASTMAN KODAK CO.,  
ROCHESTER, N. Y.

**PERFECTION SANITARY CIRCULAR  
METAL BROOD COOP**



made entirely of galvanized iron which will last a life time. They are properly ventilated, and are Rat, Mink, Weasel and Skunk proof. Just the coop you are looking for. Write for circular & special introductory prices. Perfection Metal Brood Coop Co. I. H. Warsaw, Ill.

S. C. White and Brown Leghorns, "Ringlet" Barred Rocks, G. M. B. Turkeys, Rose and Single Comb R. I. Reds. Stock and eggs in season. Write us.

MAPLE HILL POULTRY FARM  
Route 1, Box 23, Morristown, Tenn.

urer; Alvin M. Douglass, Chief Counsel; Dr. J. G. Hopping and Dr. Hal. F. Halstead, Directors.

It was to the writer of this an enjoyable occasion, a love feast, and then some, and he predicts for such a bunch of live wires a magnificent success for their winter show, which will be held in Birmingham, Dec. 10th to 15th. —F. A. Goodlin.

**Standard Revision Committee to Meet  
at New Orleans.**

A special feature of the Louisiana Poultry Fanciers' Association, which meets at New Orleans, Dec. 19-22, 1912, will be a meeting of the Revision Committee of the 1915 Standard of Perfection.

The purpose of this meeting is to give the Southern breeders an opportunity to appear before this committee, and make known any revisions of the present standard that they think necessary. By doing this the committee should be able to present in the next Standard a type of bird of the different breeds that is satisfactory. The desire of the American Poultry Association is to present in the 1915 Standard the very best and most perfect book of its kind ever published, being the composite ideas of the breeders of what the Standard should require. It is the privilege of every breeder to appear before this committee and give their views as to what changes should be made.

**The Great St. Louis Show.**

From present indications St. Louis will have the greatest show in its history, this year. The management announces that the entries will be limited to 4000 birds in the single and breeding pen classes, and 25 entries will be accepted in the egg laying contest, which will be a feature. The Missouri Experimental Station will, under the direction of Mr. T. E. Quisenberry display the result at the Station during the past year, which will be very interesting. Almost all the exhibit space has been taken, and from the arrangements that are being made by Messrs. Steinresch and Orcutt, the show will be hard to beat. The premium list is full of Silver Cups and large cash specials without any strings on them. We find among the judges (9 in number) the best in the country, St. Louis is to be commended for selecting the staff they have.

The management of the St. Louis Show is second to none in the world. The judging is completed in one day and the marked catalog is issued the second morning of the show. The attendance last year was large and a great many good sales were made. The National S. C. White Leghorn Club, with many others will meet in St. Louis this year. The E. W. Grove Jr., Challenge Trophy will be offered on White Leghorns. This is the most expensive prize ever offered at any poultry show and must be seen to be appreciated. One hundred dollars is offered on turkeys, which should bring out a large class. Those who contemplate exhibiting should write for premium list at once and get their entry in as soon after receiving same as possible. For full information address, T. W. Orcutt, secretary, No. 921 Security Building, St. Louis, Mo.

**Poultry Profits  
Doubled**

**CAPONS** bring the largest profits—100% more than other poultry. Caponizing is easy and soon learned. Capons sell for 30c. a pound, while ordinary poultry brings only 15c. a pound. Progressive poultrymen know these things and use

**PILLING CAPONIZING SETS**

Sent postpaid, \$2.50 per set with "Easy-to-use" instructions. We also make *Poultry Marker*, 25c. *Gape Worm Extractor*, 25c. *French Killing Knife*, 50c. Booklet, "Guide for Caponizing," FREE. G. P. PILLING & SON CO., 23d & Arch Sts., Philadelphia, Pa.



**Crown Bone Cutter**

FEED your hens cut green bone and get more eggs. With a **Crown Bone Cutter** you can cut up all scrap bones easily and quickly, and without any trouble, and have cut bone fresh every day for your poultry. Send at once for free catalogue. WILSON BROS., Box 816, Easton, Pa.

**The SOUTHERN PLANTER**

The South's Oldest, Largest and Best Farm Magazine, and **THE INDUSTRIOUS HEN**, both one year for 50 cents.

INDUSTRIOUS HEN CO., Knoxville, Tenn.

**BROWN FENCE**

For Poultry  
Costs less than netting. Last 5 times as long. Is stock-strong and rust-proof. Bottom wires only one inch apart. No top or bottom boards needed and fewer posts. SOLD DIRECT from FACTORY AT BARGAIN PRICES—FREIGHT PREPAID. 150 Styles for Poultry, Stock, Lawns and Cemeteries. Gates to match. Send now for Catalog. Dept. 37 The Brown Fence & Wire Co., Cleveland, O.

**WE START YOU  
in the  
Poultry Business**

Only a few 'hours' work is required securing subscriptions to our poultry magazine, which is easy work as we have one of the best 25c poultry journals published. Here is an opportunity you can not afford to miss. Every one interested in poultry will subscribe.

**Send Postal for Our Proposition**

We start you in the poultry business at no cost to you. We have a most liberal proposition. You can earn as many fowls as you wish, all carefully selected from choice pure bred stock, almost any variety. Sample copy and full particulars free.

POLTRY POST, Dept. 21 GOSHEN, IND.



## Let Chas. A. Cyphers Save You 50% On A Standard Buffalo Incubator

EVERY poultry raiser knows Chas. A. Cyphers. I guarantee to save you half on my new standard Buffalo Incubator. The same Vital Principles which have made my incubators famous the world over

live in the new Standard Buffalo. The same heater with improvements, the same well-known diffusion method ventilation, the same compound toggle-joint regulator—the only regulator that makes close heat regulation possible, a new improved case of galvanized iron—rust proof, with inner case of "Water-proof Buffalo Board," thick walls and double doors—but I have cut the price in half on my new model.

**I Save You Half** on this well-made standard incubator because I cut the selling expense. When you buy the Buffalo I give you three-fourths the usual gross profit. No better incubator can be made than the new Buffalo. Compare it with others selling at \$8.00 to \$10.00 more. I will get your orders, I know.

### Note My Low Prices:

No. 0	50 to 60	Egg Size	\$ 9.50
No. 1	110 to 120	" "	12.00
No. 2	220 to 240	" "	16.00
No. 3	340 to 360	" "	20.00

**My Guarantee:** I positively guarantee that the Buffalo will hatch as well as any incubator made, regardless of cost. I guarantee it to be as substantially, as well and as easily regulated as any incubator costing \$8.00 to \$10.00 more, egg capacity considered. I guarantee it to be Fire-proof and to last as long as any incubator ever built. **Your Money Back.** Send us your order today. Say which size you want and enclose the price with your order. My guarantee insures absolute satisfaction in every way.

CHAS. A. CYPHERS, Pres., Buffalo Incubator Co 476 Dewitt St., Buffalo, N.Y.

## TOO LATE



### DON'T be "Too Late!"

You have seen your chickens moping, sneezing, coughing, eyes watering and heads swollen. You have seen them fight for breath and die. That's ROUP. It's humane to relieve—it's dollars saved to cure them.

## CONKEY'S Roup Remedy

does the work. 50c and \$1.00. If dealer hasn't it, send to us. Money refunded if it ever fails.

### FREE

For name of any supply dealer and stamps  
4c we will mail free  
copy of our new 80 p.  
Poultry Book.

### THE

G. E. CONKEY CO.  
Cleveland, O.

Dept. 17

## Barred PLYMOUTH ROCKS

AND

## White Ind. Runner Ducks

High-class Exhibition and Utility Stock. Our young birds are simply grand. Give us a trial.

WOLF CREEK POULTRY YARDS  
Box 242 ABINGDON, VA.

Judging by the imitations of the dancers of the "Turkey trot" we are of the opinion that it is time for the turkey to change its gait.

## Poultry Disease Department

By J. A. THORNHILL, Hartselle, Ala.

H. A. B.—You will find in the October issue of the Hen what you want on "soft" roosters. Allow for ten hens what is considered a dose of medicine for an adult person. A teaspoonful of castor oil to a hen isn't too much.

S. E. T., Tenn.—Wants to know if lye soap is a remedy for sore head.

Ans.—Salts given on Monday, tablespoonful to ten hens and a tablespoonful of sulphur on Thursday, with the head thoroughly greased with carbolated vaseline every day for several days, will cure this disease.

Mrs. J. J. H. Minden, Va.—Wants to know what form of sorehead affects the eyes only.

Ans.—The trouble is colds and not sorehead. Give a thorough course of liver medicine (Black Draught) and follow it up with a good roup cure. When poultry are continually being annoyed with colds, the ventilation of their sleeping quarters is not right. Harden the constitution of poultry with fresh, pure air as the days of winter approach.

Mr. G. P. G., Huntsville, Ala.—Wants a book on poultry diseases. Permanganate of potash and boric acid, equal parts, enough in the drinking water to color it a deep wine color will make him a reliable roup cure. A liver tonic should be given in all cases of roup and colds. Ten grains each in one pint of water of the potash and acid makes a good solution for dipping the heads of poultry with roup. Keep poultry in fresh air to cure roup and colds.

Mr. G. C. and A. P., Jefferson City, Tenn.—Have sixty chicks two weeks old, incubator hatched, kept in a goods box, lined with an old woolen blanket,

feeding them crackers, oats, wheat and cracked corn every six hours. Several are unable to stand on their legs; eat for several days while lying on the floor, then finally die.

Ans.—The disease or trouble is "leg weakness." The cause is too close confinement, too much grain food, not enough mineral matter; and the remedy would be more exercise, green food, meat food, oyster shells and charcoal.

Mr. J. W. A., Harriman, Tenn.—Wants a book on poultry diseases. He also wants a white wash formula.

Ans.—My plan for white washing is to boil several pounds of rice, save the water after it thickens, into a large bucket; put in a large lump of unslacked lime; pour several quarts of cold water over the lime after it slacks and thoroughly pulverizes; add enough warm water to make a milky substance; then add two ounces of crude carbolic acid to three gallons of the wash and apply while warm.

W. T. W., Hendersonville, Tenn.—Wants an egg tonic. Has four hens that are dumpish, poor eaters, combs dark, and do not lay well.

Ans.—The best egg tonic I have is healthy, well kept hens, fed and housed right; kept busy and free of lice. The sick hens have indigestion. Change the feed. Compel them to work and do not give too much feed at one feeding. Sulphate iron, and annis seed, two ounces each, added to four ounces of linseed meal. Dose, tablespoonful in mash to ten hens will make you a good tonic.

A Subscriber, Middletown, Ky.—Has one hundred and fifty Barred Rock hens, feeds whole corn, wheat and oats; hens appear hearty, but do not lay. When chased any distance can hardly breathe and are very fat.

Ans.—Do not feed so much corn. Compel the hens to exercise, feed more green food and less grain, and if necessary to reduce some of the fat, withhold some of the feed. Do not cut the feed too much suddenly. Hens will lay after some fat is worked off, and they are compelled to exercise.

Roy, Elberton, Ga.—Has joined "Uncle Dudley's" Boys' Poultry Club; wants a cure for scaly legs.

Ans.—Dissolve in a quart of kerosene oil, all it will absorb of crude naphthaline flakes. Dip the legs up to the hock joints but no higher. Repeat several times.

### Bumble Foot.

Bumble foot is caused by a bruise on the bottom of the foot of a chicken. One of the common causes of bruises on the feet of poultry is jumping from high roosts on hard surfaces or floors. The bruise swells and becomes filled with pus and if not opened and cleaned out the pus will become cheesy and will form into hard lumps, which become permanent. When you find a bird that has bumble foot open the place with a sharp knife or lace and wash it out thoroughly with clean

# BIG SALE

## BEST ANCONAS IN THE SOUTH

All of our ANCONAS advertised in last issue are not gone yet. We have some good ones left. Better inquire about them at once. We also have a few pens of WHITE MINORCAS, bred direct from prize winners. These go at a sacrifice.

Write DISMUKES & ARRINGTON -:- Castalian Springs, Tenn.

water into which has been poured a few drops of carbolic acid, and the entire surface painted with a solution of nitrate of silver, ten grains to one ounce of rain water. The foot should then be poulticed and wrapped to prevent dirt getting into the opening that has been made. Make your perches or roosts low, about two feet from the ground, and place them all on the same level.

### Chickens and Rheumatism.

Chickens are affected with rheumatism pretty much like human beings. Exposure to dampness or cold, which is oftentimes caused by poorly constructed and ventilated roosting quarters and houses brings it about. The bird is stiff in the joints, walks lame and lacks energy. Such birds should be kept in dry, warm places. See that the ventilation is good and give them good, clean grain and plenty of green stuff. A little tincture of arnica or liniment rubbed on the leg will sometimes help the bird along.

Train your eye to detect disease. Go over the flock carefully every day and see that the birds are all right and in a healthy condition. A great many people are unable to detect disease in its first symptoms and at a time when it is most easily overcome and remedied. By being able to spot the sick bird when it first becomes affected you will often prevent the spread of the disease over the whole flock. If you expect to make a success of poultry you must train your eye to detect disease and know when your fowls show the least sign of being out of condition. It often saves many dollars to the poultry grower.

### Causes of Disease.

Too many chickens in one flock or house.

Crowding the chickens in their quarters.

Dampness and drafts in the poultry houses.

Decayed vegetables and meats.

Filthy drinking vessels and food dishes.

Lice, mites and other insects pests.

Mistreatment, neglect, impure water, lack of exercise, bad feed, will break down strong, vigorous birds every time.

All disease troubles in the poultry yard, as a rule, can be traced to the keeper himself.

### WOULD PRODUCE RED EGGS.

The imaginative experimenters who control the Cambridge School of Agriculture, says a dispatch from London, are engaged in the interesting endeavor to make hens lay red eggs. There is always the best market for hen's eggs which are of the richest

### Happy, Healthy, Hustling Hens

produce the eggs and bring in the money. Health is more than freedom from disease. It means perfect digestion and good circulation; abounding strength and vigor.

#### pratts Poultry Regulator

puts and keeps hens in this condition.  
25c, 50c, \$1; 25-lb. Pail, \$2.50

Prevent and cure roup, colds, catarrh, with

#### pratts Roup Cure

25c, 50c, \$1.

"Your money back if it fails."

Pratts 160-page poultry book, 4c by mail

Get Pratts Profit-sharing Booklet

Our products are sold by dealers everywhere, or  
PRATT FOOD CO., Philadelphia, Chicago



red-brown, a color that is natural to the eggs of several varieties.

Unfortunately, the most prolific layers will not follow the fashion, with the result that the eggs of the different varieties, for example, Leghorns and Buffs, have a quite different market value.

The Cambridge "Mendelians" hope that they will be able to produce at will a brown-egg-laying hen of prolific habit, just as they have produced a strong rust-resisting wheat of high yield, by working on this curious law of Mendel (i. e., by selection of the "parents" and then of certain of the "offspring" to be "parents" in turn). Hens have so far proved admirable examples of the working of the law. In respect of single and double combs, and in respect of color, they are perfectly obedient to the proper scientific principle. They "behave" as they ought, to use the technical verb.

There is also the subsidiary question of food. A good canary breeder can make his birds the right color merely by the right selection of foods. He can at will make a Norwich canary orange, or a bullfinch black. Similarly, it may be possible to alter the egg color by food as well as by hereditary influences.

If mustard, as has been lately proved, makes hens lay better, why should not colchicum or what not make them lay more marketable eggs? Some day, perhaps, Cambridge will achieve the poultryman's ideal of a hen that lays per annum 250 two-ounce red eggs.

### SHOW SECRETARIES, TAKE NOTICE

The Rhode Island White Club of America will give five handsome club ribbons; one each for best cock, hen, cockerel, pullet and pen in any show in United States where this notice is printed in their premium list. These ribbons to be competed for by members only. Ribbons will be sent direct to winners by club secretary of show verifying winnings.

Club membership fees \$1.00. For particulars and application blanks, for joining the club, address the Secretary and Treasurer, Mrs. C. M. Vertrees, Cecilia, Ky.

### WHITING'S PARTRIDGE PLYMOUTH ROCKS

**D**O YOU want fowls for egg-producing purposes? You might, of course, go in for some egg-machine. But these birds are too small to be money makers. Then try Partridge Plymouth Rocks. They are a big bird, handsome and desirable. At egg production they are second to none. In a year's egg-laying contest six hens produced 1,320 eggs. They won the first prize. My stock is straight from the fountain-head, Noftzger. Eggs \$5.00 a setting. Address care Georgian, Atlanta, Georgia.

—PERCY H. WHITING.

### KELLERSTRASS Crystal White Orpingtons

Splendid trios, low blocky type at \$10.00 to \$25.00 per trio. These birds bred from our last year's winners; the low, blocky type so much in demand and so hard to get. Several hundred to select from. Shipped on approval. Eggs in season.

### ALMA POULTRY FARM

R. F. D. No. 4 Birmingham, Ala.

**NOTICE To The PUBLIC**

States, If you want thoroughbred stock, the write us. Free photo of our imported stock.

We have recently received an importation of Indian Runners direct from the true India duck. The only true Indian Runners in the United States. We are the only importers in the Southern greatest layers as well as 1st prize winners at the World's greatest and largest duck shows.

**CLAYTON I. BALLARD, White Pine, Tennessee**

**FOR SALE**

I have too many Cockerels—am going to close out a lot this month—cheap—must have room.

A "Brown Beauty" Cockerel crossed on Rhode Island Red pullets last season. Chicks hatched in March began laying in Aug., and continued all fall and winter.

A record kept of six of these pullets and one "Brown Beauty" pullet during the month of Dec., showed one hundred and nineteen eggs to their credit in 30 days.

If you want to increase your egg production, try a "Brown Beauty" Cockerel, it will pay you. Order today.

**J. H. HENDERSON**  
KNOXVILLE, TENN.

Breeder of Brown Leghorns Since 1890

**Quintessent Anconas**

Winners at Madison Square, Philadelphia  
Baltimore and elsewhere.



SHOW BIRDS and  
BREEDERS for Sale

Winter Layers

H. E. PORTRUM  
Rogersville, Tenn.

**Printing For Poultrymen**

We are prepared to fill all orders from poultrymen for printing. If you want your work illustrated we have the cuts. Write for prices.

**S. B. NEWMAN & CO.**  
617 Gay St., Knoxville, Tenn.

**WHITE RUNNER DUCKS**

Leading all other poultry for profit and popularity. Foundation stock direct from originator. It will be to your interest to write us for prices on stock and eggs before placing your order.

**JEFFERSON Poultry FARM, Albany, Ga.**

**Water Fowl and Turkeys****DUCKS**

Two breeds of ducks you will certainly never regret the first investment of, as they are both the greatest layers ever known to poultrymen. In Australia the Buff Orpington Ducks out-won the Indian Runners in an egg laying contest by nineteen pens competing, while in America we find the Buff Orpington Ducks and White Indian Runners on an equal basis when it comes to eggs. But for meat and market ducks, you will find the Buffs fill this demand, being larger and fleshier.

Like the great Buff Orpington chickens, we are all aware they are noted for their great all purpose qualities, beautiful buff color, size and eggs, which the Buff Orpington Ducks also carry, and are being added to numbers of first-class poultry yards, especially those who are lovers of pretty buff fowls, and White Indian Runners for lovers of pretty white fowls. With these two breeds you have no idea the money you can make on even a pair or trio or setting of eggs. Each breed has an organized club, and being placed in the next new Standard, and having such a great commercial value, are something that are absolutely worthy of anyone's early consideration.

One pair will make from \$300.00 to \$500.00 or more per year profit. You can't find a greater investment than these two breeds for the small amount invested, as they make you money every day in the year, and the beauty of it is you always have a sale for more than you can raise, possibly, being in such big demand. Next year is going to be a banner year for them, and the ones that get a start of them now while the season is ripe, will reap the biggest fortunes.—Otis K. Hobbs, Hickory Grove, Kentucky.

Young geese do not lay as many fertile eggs or produce as many goslings in the first breeding season as they do in the second.

Nothing will make a more savory feed for little ducks than to take a spade and spade up a small plot of ground in a damp place and allow them to gather the worms and insects that are turned up.



**S. C. WHITE LEGHORNS, INDIAN RUNNER DUCKS, RUFUS RED, BELGIAN HARES.**

Stock and Eggs for sale at all times. Send 3c in stamps for booklet and catalogue, tells how to make these breeds pay.  
Kling & Hawkins, Poultry Yards and Rabitry. Box "E" Meridian, Miss.

**SNOWFLAKE WHITE INDIAN RUNNER DUCKS**

Prize winners Always. Heavy layers of pure white eggs. Breeding and young stock for sale.

**MRS. E. E. ESHBACH**  
1402 Sturm Ave. : INDIANAPOLIS, INDIANA

## Our Breeders and Their Birds

### Not How Many, But How Good.

Mrs. C. M. Vertrees, Cecilian, Ky., is proving her claim to the above motto which she adopted last year. Or rather her birds are doing it for her. Her health would not permit her going with her birds. She has been forced to send them alone, but almost every week they bring her additional evidence of the fact that her stock is A-1. Not only are they winning for her, but are winning the blues for her customers as well. They are making the judges in the big shows "sit up and take notice" and this is done in spite of the fact that she has been forced to neglect them much during the past season and they have gone to various shows with but very little conditioning.

At Kentucky State Fair, Louisville, Sept. 9 to 14, 1912, in strong competition, Vertrees Aristocratic Strain Fawn and White Runner Ducks, with only six entries, won 1st, 2nd, 3rd drake; 1st, 3rd, 4th duck and the \$8.00 special for 6 best in show. The Vertrees Excelsior Strain Rhode Island Whites won from first to fourth on both male and female.

Tennessee State Fair, Nashville, Sept. 16 to 21, 1912, with six entries she was awarded five blues; four on Rhode Island Whites and one on White Runner cockerel. She entered none of her Aristocratic Fawn and White Runners here, as one of her customers had entered four on which she won 2nd old drake, 2nd young drake, and 2nd young duck.

The big Tri-State Fair, Memphis, Tenn., Sept. 25 to 28, 1912: She entered four of her Aristocratic Fawn and White Runners, and in hottest competition won 1st young drake, 2nd old drake and 4th young duck.

At the Warren County Fair, Bowling Green, Ky., the largest county fair in the state, October 2 to 5, 1912, with seven entries, four on Rhode Island Whites and 3 on Fawn and White Runners, she won four firsts on the R. I. Whites and 1st drake, 1st and 2nd duck and \$4.00 special for best trio.

Mr. Jas. R. Brown, Sweetwater, Tenn., breeder of Black Langshans, at the recent East Tenn. Fair Association, held at Sweetwater, won 1st pen, 1st cock, 1st pullet, 1st hen, 1st cockerel. These winnings speak well for Mr. Brown as his birds had hot competition in every entry.

At the Alabama State Fair, the Rockwood Farm, Norwalk, O., won with their famous "Rainbow" Partridge Rocks, 1st cock; 1st, 2d hen; 1st, 2d cockerel; 1st, 2d pullet; 1st pen, winning every first competed for. This speaks well for the Rockwood Farm.

Mr. Barrett Phinizy, of Athens, Ga., the popular breeder of R. C. and S. C. Rhode Island Reds, won 3rd and 5th cockerel on two entries at the Tennessee State Fair, Nashville, and 1st

## Let Our Agent SHOW YOU

### A 1913

## BUCKEYE



Sold with a  
5 year  
guarantee  
to hatch every  
hatchable egg.

Let him show you a Buckeye in operation, so you can see for yourself that it will hatch more chicks and better chicks than any other incubator. Let him show you the Buckeye Hot Water Heating System (the kind all the big breeders use in their mammoth machines), the automatic supply of natural moisture, the fireproof heating apparatus, the copper tank and boiler, the heavy 3-wall case, the dark hatching chamber and a dozen other features that make it possible for the Buckeye to produce such wonderful hatches.

The Buckeye is not built to exploit some fad or fancy—it is built to hatch eggs—and it does it. We guarantee the Buckeye to hatch every hatchable egg, and our agent can prove to you that it will do this—before you spend your money. The 1913 Buckeye is the result of 22 years of incubator building. It is equipped with every desirable device that can possibly add to incubator efficiency—it represents incubator perfection in both hatching and construction.

**Sold as low as \$8.00**

*Made in 5 sizes—60 eggs to 350 eggs  
Over 325,000 in successful operation*

Buckeye incubators are sold by over a thousand merchants—in every state in the Union. We have agents everywhere who will gladly show you a Buckeye in operation. Send us your name on a postal and we'll send you the name of our agent in your town, so you can see the chicks hatching and examine the incubator in every detail. Ask our agent to show you the 5-year guarantee that goes with every Standard Buckeye. Send us your name today!

*Our 1193 Catalog sent on request.*

**THE BUCKEYE INCUBATOR CO., 525 W. Euclid Ave., Springfield, Ohio**

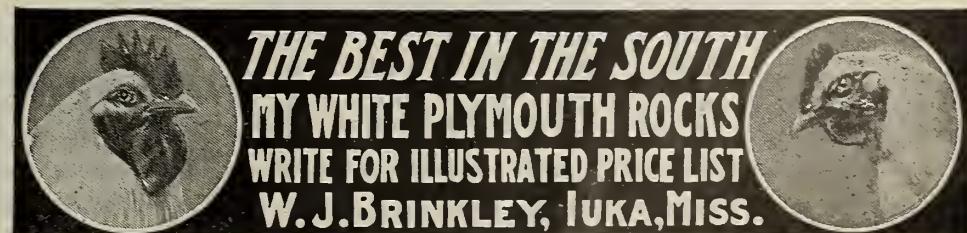
## SUMMER BARGAINS

A few S. C. WHITE LEGHORN, WHITE WYANDOTTE and BUCKEYE hens and cocks for sale cheap. Also Pedigreed Collie Puppies. Write your wants. I can please you.

**MRS. H. P. HINTON**

**R. F. D. No. 6, Box 87-A,**

**Dallas, Texas**



## EGGS---\$2 Per Sitting of 13

S. C. White and Brown Leghorns, White Wyandottes, Barred Plymouth Rocks, Houdans, Black Minorcas, Light Brahmans, Cornish Indian Game and S. C. Rhode Island Reds. Large Pekin and Indian Runner Duck eggs, \$2.00 per 11. Send for folder. It's free. Exhibited ten birds at the great Southern International Poultry Show, Atlanta, Ga., and won three firsts, three seconds and three thirds, 4,500 birds competing. Also won at Baltimore, Md.

**NEVIN POULTRY YARDS, Wardin Bros., R. 7, Charlotte, N. C.**

# OWEN FARMS

**BUFF ORPINGTONS:** Five Firsts, including 1st Cock, 1st Hen, 1st Cockerel, 1st Pullet, 1st Pen, making *first in all the classes*, and also 3d Cock, 4th Hen and 6th Cockerel.

**WHITE ORPINGTONS:** Three Firsts, 1st Cockerel, 1st Hen and 1st Pen; also 2d Pen, 3d and 5th Cock, 6th Hen and 3d Pullet.

**BLACK ORPINGTONS:** One First, 1st on Cockerel, and also 5th Hen and 5th Pen.

**WHITE ROCKS:** Four Firsts, 1st Cock, 1st Cockerel, 1st Pullet and 1st Pen. 2d in all five classes, Cock, Hen, Cockerel, Pullet and Pen. 4th and 5th Cock, 4th Hen, 5th Cockerel, 4th Pullet, and on Pen we won every place but 4th, making our Pen winnings, 1st, 2d, 3d, 5th and 6th.

**BARRED ROCKS:** In this variety no exhibitor won more than one first. We won 1st Pullet, which was awarded the Shape Special and also won the Championship for best female. We also won 4th Pullet and 2d Hen.

This made a grand total of 27 Firsts, 12 Seconds, total number of birds winning under ribbons at

We submit to you frankly this question: Could any other farm than Owen Farms possibly be in a position to do more for you than they can? We answer it for you by saying it is not possible. With 8000 young birds, and 2000 older birds for the cock and hen classes, possessing all the quality that their New York winners have made possible, they can and will do more for you than any other farm possibly could.

Whether you are rich or poor, a large breeder or a small breeder just beginning, makes no difference to us. Our price on a particular bird is the same to all. We necessarily have birds that will fit your needs, however

WM. BARRY OWEN, Prop.  
MAURICE F. DELANO, Mgr.

**OWEN FARMS**

**OUR WIN AT NEW YORK,  
MADISON SQUARE GARDEN,  
LAST SHOW**

**WHITE WYANDOTTES:** Three Firsts, Cock, Cockerel and Pen. Also 3d and 4th Cock, 2d, 3d and 5th Hen, 2d Cockerel, 2d and 3d Pullet, and 2d and 3d Pen, giving us the first three awards on Pen.

**SINGLE COMB REDS:** Three Firsts, 1st Cockerel, 1st Hen, 1st Pen. Our 1st Hen also won the Shape Special. We also won 5th and 6th Cock.

**ROSE COMB REDS:** Two Firsts, 1st Cock and 1st Pen. Our 1st Cock was the Champion Male of the show. We also won 3d Cock, 2d and 6th Hen.

**SILVER PENCILED ROCKS:** Four Firsts, Cockerel, Hen, Pullet and Pen. Also 3d Cock, 5th Hen, 4th Cockerel, and 3d and 5th Pullet.

**COLUMBIAN WYANDOTTES:** 1st and 4th Pullet and 4th Pen.

11 Thirds, 9 Fourths, 10 Fifths and 5 Sixths, and a large your show and particular your requirement, or however modest may be your intention to commence breeding or exhibiting. There is no one interested in poultry who is desiring to purchase whom we cannot and will not give our very best attention to and try to carry out to its utmost the golden rule, namely, that we will do exactly by you as we would be done by.

Our catalogue containing 131 pages of illustration and interesting matter will be gladly sent you upon request. We only ask you to write early for exhibition birds. It takes time to select, wash, fit and coop-train, and correspondence consumes more or less time inevitably.

408 William Street  
Vineyard Haven, Massachusetts

cockerel at the Tri-State Fair, Memphis. Mr. Phinizy is a wide-awake, progressive poultryman, who will appreciate your orders for anything in the R. I. Red or Black Orpington classes.

## Patton's White Runners Win Again.

J. C. Patton, of Charlotte, N. C., reports a big winning on White Indian Runner Ducks at the great Hagerstown, Md., Inter-State Fair. On seven single entries he won as follows: First old duck; first, second and third young drake, and first, second and fifth young duck. There were 6,500 birds in this great show, with a good class of Runners.

Mr. Patton also entered four single birds at the Virginia State Fair, Richmond, this season and won first young drake, third and fifth young duck.

At the N. C. State Fair this season his strain has again won the bulk of prizes.

Last season Mr. Patton's White Runners won the leading prizes at Atlanta, Richmond, Charlotte, Raleigh, and other big shows.

Mrs. H. R. Nusz, Cecilian, Ky., breeder of high-class R. C. Rhode Island Reds and White Runner Ducks, reports her winnings so far this season, as follows: Kentucky State Fair, 1st cockerel and 3rd duck and 4th drake; Nashville, 1st duck and drake; Memphis, 1st pen on ducks, 2d pullet, 3d and 4th cockerels on Reds; Cleveland, 1st pen, 1st and 2nd ducks, and 1st drake, and 1st and 2d cockerel and 1st and 2d pullet on Reds.

The Buschmann-Pierce Red Farms, Inc., Carmel, Ind., are again to the front with show winners. At the great Illinois State Fair, they won on Rose Combs: 1st, 2nd, 4th cock; 1st, 2nd, 3rd, 4th hen; 1st, 2nd, 3rd, cockerel; 1st, 2nd, 3rd pullet; 1st, 2nd, 3rd pen. On Single Comb Reds they won: 1st, 2nd cock; 1st, 2nd, cockerel; 2nd, 5th hen; 2nd, 4th, 5th pullet; 1st, 2nd pen.

Mr. J. Coleman Neff, of Richmond, Ky., breeder of White Plymouth Rocks, informs us that he has just sold a pen of his famous birds for \$50.00. See his ad. elsewhere in this issue, and if you are looking for anything in the White Rock line write him your wants.

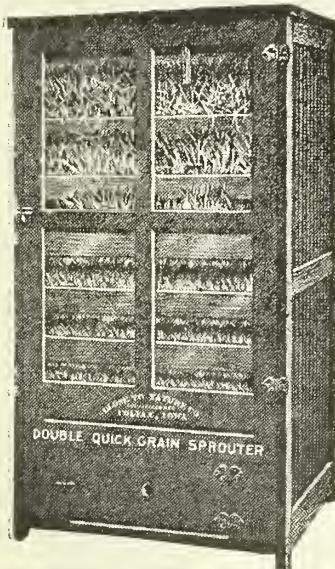
Elsewhere in this issue you will find an ad. of Mr. H. B. Lansden, Manchester, Tenn., who is an exclusive breeder of Reds. Note his winnings and if in need of some good stock, write him.

Boarder (attempting to carve the duck)—Did I understand you to say, madam, that this was a canvasback duck?

Landlady—Yes, that is what I said; do you doubt my word?

Boarder—Not at all; I would not have doubted your word had you said it was a leatherback duck.

## Sprouted Oats--Winter Eggs



Get ready for the Highest Prices in Eggs this winter the market has ever seen. For Prolific Egg Production, feed Sprouted Oats. For Great Quantities of Sprouted Oats, get a

### Double Quick Grain Sprouter THE PERPETUAL POULTRY SILO

A veritable Hot-house, Growth-forcing machine. Sprouts in 24 hours and makes growths of two inches or more daily. A PERFECT ROOT VENTILATION that forces enormous growths in very quick time. Makes TWO to FOUR BUSHELS of feed from one of grain. Pays a Profit Every Month in the Twelve.

The DOUBLE QUICK is Double Walled, Insulated Wooden walls outside and Moisture-tight metal chamber inside; Heat-retaining, Automatic-moisture producing, Perfectly Ventilated, and scientifically constructed to sprout and grow great quantities of sweet, crisp sprouts with nothing but clean grain, water and the lamp heat. Made in six sizes, from a few hens to 1,000.

**CLOSE-TO-NATURE CO.**  
28 FRONT ST. : : COLFAX, IOWA



### Mammoth Bronze TURKEYS For Sale

Old and young stock from two magnificent flocks, mated for largest size and best plumage. When buying be sure you buy the best. My breeding toms for six years have weighed from 43 to 50 lbs. at 18 and 20 months of age. Won many prizes in the leading shows, scoring from 96 to 97½ points. I can furnish you young stock that will grow that way for you. Do not delay buying your breeding stock early. Also Barred Plymouth Rock Chickens from the best prize-winning blood. Eggs in season. Member A. P. A. MRS. J. C. SHOFNER, Booneville Poultry Yards, Route 1, Mulberry, Tenn.

## Densmore's S. C. W. Leghorns

WIN, LAY AND PAY

To make room for growing stock, we will offer a few choice breeding pens at half price. Also \$1.00 one and two year old hens at \$1.00 and \$1.50 each.

**THE DENSMORE POULTRY FARM, Inc., Roanoke, Va.**

## PARTRIDGE ROCKS

Winners at Milan, Norwalk, Cleveland and Ohio-Columbus Centennial Exhibition. Write for sales list.

**The ROCKWOOD FARM** =: **Box T, Norwalk, Ohio**

# "BLUE-BAR" Barred Rocks

Made their initial bow in the "Hen" last month and we have come to stay. Many of the readers of the "Hen" are already acquainted with us and we hope to make other new friends.

The "BLUE-BAR" record of ninety-one ribbons and specials in 1911 in twelve of the South's largest shows stamps it as the leading southern strain.

## VIGOROUS, LUSTY, LINE-BRED, "BLUE-BAR" COCKERELS

(either cockerel or pullet mating), fine in type and barred to the skin in all sections at \$3.00, \$4.00 and \$5.00 each.

Trios or pens mated for either cockerel or pullet breeding. We want satisfied customers and a sale is not completed until you have examined the birds. Catalogue on request.

L. H. READE

:-

HIGHLAND PARK, RICHMOND, VIRGINIA

Originator of the "BLUE-BAR" strain of Barred Plymouth Rocks.

### POULTRY PRODUCTS IN TENNESSEE.

Mr. Jno. Lee Coulter, expert special agent for agriculture for the United States Bureau of Census, has just compiled statistics showing poultry products in Tennessee, a summary of which follows:

The total number of fowls on Tennessee farms on April 15, 1910, was 9,056,000. Of the 222,711 farms reporting fowls, 24,003 did not report any eggs produced in 1909, and 24,141 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 39,352,000 dozens, valued at \$6,794,000. According to the twelfth census reports the production of eggs in 1899 was 31,808,000 dozens, the value being \$2,115,000. The latter figures, however, are somewhat in excess of the actual returns at that census, because they include estimates made to cover those cases where the schedules reported fowls on hand without reporting the production of eggs. In order to make the returns for 1909 comparable with those published for 1899, similar estimates have been made, the method of estimate and the justification therefor being substantially the same as in the case of wool. The total production of eggs in 1909, including these estimates was 42,043,000 dozens, valued at \$7,258,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs was 17,415,000 fowls, valued at \$5,774,000.

### POULTRY AND EGG SHIPPERS MEET.

At a meeting of the Southern Poultry and Egg Shippers' Association, held at Louisville, Ky., Oct. 1, a proposition was considered to appoint an Educational Committee of three members.

This committee is to employ an expert to conduct an educational campaign in the States in which the association is most active, including Tennessee and Kentucky. The object is to show the poultry raisers how to handle their poultry and eggs and how to get them to market with the least loss and at the highest prices. This would be supported by contributions of not less than \$50 each.

The traffic committee reported a number of complaints. It was asserted that in Tennessee a rate of 60 cents is charged in one instance while for exactly the same service a rate of 25 cents prevails in Georgia.

WILL WIN ANYWHERE

5000 Birds like this at Low Prices

Breed Ferris Improved White Leghorns and Make More Money

Ferris Leghorns are the best layers in the world. Size, health, vigor and profit are bred in the bone. Scientifically bred for eggs for 10 years and will lay 175 eggs or more a year with ordinary care. Thousands of satisfied customers all over the world. We can prove that they will pay you best.

**SATISFACTION OR YOUR MONEY BACK**

Our guarantee is the most liberal ever given by any breeder. You must be perfectly satisfied before sale is considered closed. Write for catalog giving list of winning stock at largest shows. Describes stock, farm, methods and gives prices. Send postal today. Address Geo. B. Ferris, The Ferris Leghorn Farm, 920 Union Ave., Grand Rapids, Michigan

## MOTTLED ANCONAS

Superior type of birds. Prepare for the fall and winter shows. Tell us how much you have to invest and we will do the rest. Extra fine utility stock. Settings in season.

COLE & GEORGE : : Atlanta, Georgia  
MEMBERS INTERNATIONAL ANCONA CLUB.

## S. C. BROWN LEGHORNS

Nothing except birds of quality that stand the tests of competition are bred from phenomenal layers at all seasons. Old and young stock for sale. Exhibition birds and excellent breeders at moderate prices. Cockerels at all prices for sale. I always guarantee stock as represented and satisfaction. Send for mating list.

H. C. ADAMS : : : : Lynchburg, Virginia

## BLYTHE BROTHERS BARRED ROCKS

Box B, FRANKFORT, KY.

Now is your chance to secure extra good breeders at a very low price, as we must have the room for our growing youngsters. Exhibition birds of quality—just what you want for your fall shows. Book orders at once, and mention the Hen.

## KILMAN'S Single Comb REDS

Again victors at the big Memphis show. Winning first pen, best display, and for the second time winning the \$100.00 Challenge Cup for best Reds, this in company with some of the largest Red breeders in America.

"There's a Reason" Stock for Sale Eggs in Season

W. F. KILMAN : : Bald Knob, Arkansas

The express companies, it is charged often keep the egg shippers from getting the highest price for their goods by causing delay.

The Association called on its members to work for the passage of the Carmack amendment in a form that will be held valid by the courts. This amendment provides that a shipper of perishable stuff who suffers loss through delay may secure redress by suing the initial line of shipment, but State courts have held this invalid. A reported increase of rates to the East was protested against.

President O. P. Barry of Alexandria,

Tenn., presided over the meeting and in his opening address said that he wants to see the day when Tennessee and Kentucky eggs will be in as great demand as Illinois and Iowa eggs.

New Orleans La.  
Oct. 18, 1912.  
The Industrious Hen.  
Knoxville, Tenn.  
Gentlemen:—

Being a subscriber of your valuable journal, I take the privilege of writing a few lines to let you know of an unusually large egg, which was laid by one of my White Orpington hens.

# White—THE LEON ORPINGTONS—Black and PARTRIDGE PLYMOUTH ROCKS

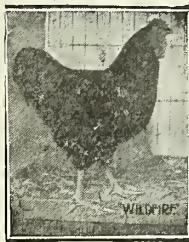
I am anxious to send more stock South. I have 3,000 head of fine breeding and exhibition stock that I can give just the quality desired and at prices that are right and fair. I breed all my own stock and know just what is back of them, and give a guarantee that they will make good guaranteed winners for any show. Write me. My stock has won over 400 prizes at the leading middle west shows in the past 4 years and are very heavy winter layers.

C. W. REEDER,

: : :

Box D. H., Leon, Iowa

## Rhode Island REDS



### Rose and Single Combs

At the Greatest Fair on Earth, the Illinois State Fair, Oct. 7-12 We Won 18 Firsts and Seconds.

Out of a possible 20, in a large and strong class of Rose and Single Comb Reds. This is convincing evidence that we have the quality again this year, and is only a continuation of the winning of our strains for the past 8 years. We are the largest breeders of this popular breed in the world, and are in a better position to fill your wants on this account.

If you are interested in poultry raising, you want to know the best way to feed and care for them. Our catalogue of 64 pages and cover contains many articles on raising and caring for poultry in large and small flocks, also how to feed for eggs and increase their fertility and much other valuable information. This catalogue is too expensive to send out promiscuously, so we charge 20 cents to help cover the cost, and by so doing, it will be read by those who are interested.

SHOW BIRDS—Rose or Single Comb. Address all mail to,

**BUSCHMANN-PIERCE RED FARMS**

W. C. PIERCE, General Manager

Box 60, CARMEL, INDIANA

**GINSENG** Large profits made from cultivating ginseng, the most valuable crop in the world. Easily grown in the United States and Canada. Send 4 cents for postage and get booklet No. 11, telling all about it. McDowell Ginseng Garden, Joplin, Mo.

**EATON'S FAMOUS POULTRY FOODS**  
Eaton's Life Saver Little Chick Food  
Eaton's Growing Ration  
Eaton's Climax Grain Mixture  
Eaton's Perfection Mash Mixture  
Eaton's High Grade Pigeon Food  
The Peerless Self-Feeding Dry Food Hopper  
R. D. EATON GRAIN & FEED CO.  
Dept. E. Norwich, N. Y.

This egg was so large that it aroused my curiosity, so I took it to Mr. Bruce of our city, and had it weighed by him. The weight of this egg is four and fifteen-sixteenths ounces. This is the third egg of this size that has been laid by this same hen during her moult.

Now being an exclusive breeder of Orpingtons, I have never had this to happen before, and therefore I thought to write you on this subject and find out through your valuable journal, whether this incident has ever occurred elsewhere, as it would interest me to know this fact.

Yours respectfully,

P. J. MOISE  
742 Delechaise St., N. O., La.

### PRESIDENT HICKS APPOINTS PERMANENT COMMITTEE.

The Chicago Poultry Society (which made an offer of \$100,000 at the Nashville Convention for the permanent home of the American Poultry Association) is more than pleased at the selection of President Hicks' permanent home committee. The committee as appointed by our worthy president is as follows:

R. V. Hicks, Chairman, (ex-officio).  
E. B. Thompson, Amenia, N. Y.  
T. E. Quisenberry, Mountain Grove, Mo.  
Geo. H. Rudy, Mattoon, Ill.  
Rufus Delafield, S. Plainfield, N. J.

The above committee is certainly a representative one of the best breeders and business men that could be chosen and President Hicks is to be congratulated on his selection of such a body of fair-minded and honorable gentlemen to serve on this important committee. Chicago is still in the race to secure the permanent home of the American Poultry Association, and is ready to have the above committee investigate its offer for the home any time it is ready to do so.

The Chicago Poultry Society at its September meeting voted to endorse Detroit's effort to get the next annual meeting of the American Poultry Association for that city. Detroit is an ideal convention city, being centrally located, with no extreme hot weather in the summer time, and possessing ample facilities for entertaining and handling large convention crowds. There are also many beautiful and picturesque sites in and around Detroit, worth going hundreds of miles to see.—Chicago Publicity Society.

### THE LAY OF THE HEN.

Oh, the "Lay of the Minstrel" has sounded in rhyme,  
The theme has been written in language sublime,  
And the words of the poet, with exquisite art,  
Have sent their appeal to the mind and the heart.  
Way down through the ages the world has  
admired  
The time-honored lyrics by genius inspired,  
And the "Lay of the Minstrel" is touching to  
men  
Who never have heard the lay of the hen.

Sing "Cut-cut-cut-da-cut, cut-da-cut, cut-da,"  
And send the glad chorus resounding afar,  
"Twill bring to the farmer contentment and  
peace,  
When eggs newly laid bring tuppence apiece.  
The hen's gleeful cackle the "blues" will dis-  
perse,  
More eggs in the basket, more coin in the  
purse,  
And 'tis sung with a fervor, a vigor and zest,  
Betokening pride in the egg in the nest.

The lay of the hen never fails to bewitch,  
Reminding of omelets, of waffles and "sich."  
We listen a while, and the appetite begs  
One glimpse of a platter of bacon and eggs!  
'Tis a breakfast-time symphony, given by rote;  
A harmony blended with ne'er a false note;  
So, proudly and gladly, I'm wielding my pen  
In praise of the cackling, industrious hen.

"Mid pleasures and palaces though I may  
roam,"  
The sight of a coop makes me feel quite at  
home.  
Though banquet-hall speakers fair pledges may  
boast,  
I simply would choose a dropped egg for my  
"toast."  
Sing "Cut-cut-cut-da-cut," sing joyous and  
free,  
Wherever the heart of a rustic may be.  
Object if you will, but I'm yielding the palm  
To-day to the lay of the hen on the farm.—  
Percy Prior, In Farm and Fireside.

Mr. Hardapple (reading)—By heck, Mandy, it says here that in Russia they actually shoe geese.

Mrs. Hardapple—That's nothing Hiram; don't we shoo the hens?

**SOMETHING TO CROW ABOUT**

**"HEN-E-TA"**

About 30% Tri-Calcium Phosphate  
Popularly Called BONE ASH  
NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED  
NO MORE BONE CUTTERS NEEDED | NO MORE BEEF-SCRAPS NEEDED | NO MORE CHARCOAL NEEDED  
NO MORE OYSTER-SHELLS NEEDED  
VALUABLE BOOKLET FREE  
ODORLESS  
100 lbs. - - \$2.25  
500 lbs. - - 9.00  
Balanced Ration Formulas Free

If you will give us your dealers name and address.

**HEN-E-TA BONE CO.**  
NEWARK, N.J. DEPT. 8 FLEMINGTON, W.VA.

# NOTICE, HEN SUBSCRIBERS!

We need a copy of The Industrious Hen for the month of January, 1910, to complete our files. We will give one year's subscription to The Hen, to any one who will send us this number.

THE INDUSTRIOUS HEN COMPANY, Knoxville, Tennessee

## THE CUMBERLAND WHITE-EGG RUNNER CLUB MEET.

The Cumberland White Egg Indian Runner Club, at its first called meeting, at Syracuse, New York, made the good record of adding one-third to its membership. Full discussion in open meeting brought all members into thorough accord and eagerness to work for a clean, strong business organization, helpful in dollars and cents to each member. It was voted to stand first for the white egg; also for the Penciled white-egg Runners (the purest kind originally sent out from Cumberland Co., England) as the best all-around bird for Americans at the present time. One among the many practical things which the Club hopes to do is to open a wider market for farm Runner eggs, the delicious product of the best layers in existence.

The acting officers were confirmed, and directors were elected for the five divisions, one each from Canada, New York, Pennsylvania, Georgia, Texas, Kentucky, Idaho, Washington. One for the Southwest division is still to be named.

Answering some questioning as to the word "Cumberland" in the Club name, it is to be said that this word is a necessary safeguard to the Penciled, white-egg strains.

The officers are: President, C. S. Valentine, Ridgewood, N. J.; Vice-President, Mrs. Andrew Brooks, Auburn, New York; Secretary and Treasurer, C. K. Vanderbilt, Lyons, N. Y. The chairman of the Committee on Business Unity is Wm. C. Degelman, Pittsburg, Pa. This committee is already at work.

On request from the President, Madison Square Garden and Boston shows have agreed to form classes and do anything in reason for the Cumberland Club. Philadelphia has solicited its patronage, and prizes will be offered—Cups of fair value at Boston and Philadelphia, and money at New York, because the entry fee is too high for many breeders there. The Boston Association intends to offer specials, for which the Club is heartily grateful. Through some misunderstanding, the Palace show is cut out of the Cumberland list this year, though the Palace people agreed to a class under conditions. Prizes will be open to members who will be admitted to competition if they join any day before the opening date of shows. Entrance fees and dues for the first year are two dollars. A year-book will be published as soon as conditions permit, Till then, a small prospectus is ready for every inquirer.

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## FERRIS' IMPROVED WHITE LEGHORNS

We wish to call attention to the ad. of the Ferris Leghorn Farm, Grand Rapids, Mich., in this issue. Most of our readers have heard of Ferris Improved White Leghorns and the remarkable success Mr. Ferris has had in combining laying and exhibition qualities in this famous strain.

Every bird is sold under "The Ferris Selling Plan," a new method of selling that gives the buyer much greater protection than has ever been considered possible before. Service to customers is the first and most important point in this guarantee. In addition to the usual method of allowing the return of birds not satisfactory, Mr. Ferris insures them for 30 days and if any birds die during the 30 days he replaces these birds free of charge and also permits the return of birds that contract colds or show any signs of sickness during the 30 days. Every customer must be fully satisfied before the sale is considered closed. This rule followed during all the years that Ferris Leghorns have been before the public accounts for the fact that although Mr. Ferris has increased the capacity of his plant every year he has always had more orders than he could fill, for which reason we urge our readers to send for the catalog now and place their orders while they can secure first choice of all the grades of stock described in the catalog.

## EXHIBITION WHITE LEGHORN COCKERELS

From three hundred dollar pen from Young. Extra fine in all exhibition points. If interested write

J. C. PATTON      ::::      ::::      Charlotte, N. C.

## S. C. RHODE ISLAND REDS

PURE ARISTOCRATS

The richest colored strain of Reds in the world, all points considered. I can say they have no superiors. Aristocrats swept Chicago. Send for 1912 catalogue showing photos of highest priced Reds in the world. Eggs balance of season, \$1.50 and \$2.50 per 15; \$10.00 per 100. Several of this year's breeders for sale. Am booking orders for guaranteed winners for the fall shows.

WARNER LEWIS, Red Specialist, Como, Tenn.

## ROSE COMB REDS—WHITE RUNNER DUCKS

Prize winners at Louisville, Nashville, Memphis and Cleveland this season. Exhibition and breeding stock for sale on our liberal guarantee plan. Eggs in season. Write for our prices and list of winnings before you buy.

MRS. H. R. NUSZ & SON Box 300 Cecilian, Ky.

## WHITE PLY. ROCKS

## S. C. WHITE LEGHORNS

Prize winners at all the leading shows. WHITE ROCK eggs, \$3.00 for 15; S. C. W. LEGHORN eggs, \$2.00 for 15.

WM. H. BURCH, Box 850-H, : Charleston, S. C.

## S. C. WHITE LEGHORNS

FARM-BRED STRAIN



Bred with inborn tendency to lay—long, deep bodies, low tails, pure white, healthy, vigorous. Bred and fed on scientific principles; reared under natural, congenial environments. Yearling Hens, Yearling Cocks, Cockerels and Pullets for sale.

CHICK-A-DEE FARM, J. A. Dinwiddie, Prop.,      New Market, Tenn.

Hoag Farms, Enid, Oklahoma, Breeders of

## S. C. White Leghorns—Buff Orpingtons

## Single Comb Rhode Island Reds

Our birds have become popular upon their own merits. They are noted for their marvelous laying qualities and hardiness. If you need a bird for your show or breeding pen write us, our catalogue is free. (Mention this journal.) Eggs and baby chicks in season.

HOAG FARMS      ::::      ::::      ::::      ENID, OKLAHOMA

## WHITE ROCKS

My White Rocks were second in the White Rock class in the International Egg Laying Contest.

They are excellent show birds and will pay big dividends.

J. C. NEFF, Richmond, Kentucky

## SINGLE COMB RHODE ISLAND REDS

S. C. REDS, pullets and cockerels, that have proven their quality. Want them? Newport, 1st pen, cock, cockerel, hen, pullet; Morristown, 3 entries, 1st pen, cockerel, pullet; Sweetwater, 3 entries, 1st pen, 1st pullet 3d cockerel. Price, pens \$75.00; pullet, \$15.00; cockerel, \$25.00; beautiful cockerels and pullets \$3.00 and up; all line bred birds; on approval.

APPALACHIAN POULTRY YARDS. A. J. Stanbery, Prop., R. F. D. No. 2, Newport, Tenn.

**\$16.00**  
**FREIGHT PREPAID**



## Industrious Hen Sewing Machine

Made for this magazine under a special contract, and could not be bought in the regular market for less than \$50.00 now being offered to Industrious Hen subscribers at \$16.00, freight prepaid—barely above cost of manufacture.

### Many Features of Merit

Noiseless, Easy Running, Ball-Bearing, Stand Handsomely Embossed, Hand Polished Case, The Wonderful Automatic Belt Replacer, High Arm, Lock Stitch Sewing Head, Automatic Bobbin Winder, Automatic Stitch Regulator. All Steel Working Parts Hardened in Oil, Nickel Plated Steel Attachments in velvet Lined Box.

THE SEWING HEAD has more improvements, conveniences and time and labor saving devices than any other sewing machine of like grade.

THE CASE is very attractive in appearance and substantial in construction.

THE STAND is ball-bearing—the bearings operating in micrometer ground hardened steel cones.

ATTACHMENTS are of the foot pattern and packed in velvet lined box.

### Guaranteed For Ten Solid Years

Don't let the wily sewing machine agent induce you to part with forty-five or fifty dollars for a sewing machine which is in no way superior to the "Industrious Hen Machine." It is a well known fact that it doesn't cost any more to build an "agency" machine than it costs to pull up the high grade ten year warranted "Industrious Hen Machine," and that the bulk of the agent's excessive price pays for his commission and for the other heavy selling expense, including cost of keeping branch offices, maintenance of horses, wagons, etc., and the pay of collectors, drivers and teachers.

All this expense is eliminated by us in our offer to you of the INDUSTRIOUS HEN SEWING MACHINE at manufacturer's cost, plus a small commission for our trouble.

This high-grade family sewing machine, together with a year's paid up subscription to the "Industrious Hen" will be sent freight paid for \$16.00 cash to accompany order. Send check, postoffice order or registered letter to

**Industrious Hen Co.**  
Knoxville, — Tennessee

### MEAT SCRAPS.

Before any scientific study of poultry feeding was taken up, the only selection made by poultry raisers, was the kinds of feed for which fowl showed a desire and which were convenient to get. On the farm, corn was the staple feed, because it was plentiful and the fowl liked it. For younger chicks, the corn was cracked and fed in a mash together with milk, curds, potato peelings, etc. Laying hens and poultry in preparation for market were fed alike, with the result that the hens got too fat to lay or not fat enough for market.

Some years ago, stock and poultry feeders began to study the matter of feeds and feeding. The Agricultural Experiment Station conducted experiments and showed that stock and poultry should be fed according to the results desired. The dairymen learned to feed their cows to produce milk; the stockman to feed cattle for quick growth of meat, and poultry raisers for either eggs or flesh. Chemical research and practical experiments soon demonstrated that the essential part of all feed-stuffs is protein. From this substance the organic parts of the bones, muscles, skin and internal organs of the animal are formed. This study of feed-stuffs showed that in order to produce eggs, hens must be fed high protein feeds.

A number of years ago, the New York Experiment Station went even further, and by a series of experiments proved conclusively that to get the best results, the fowl must not only have a protein feed, but that the protein must be derived from animal matter. They conducted experiments with several lots of laying hens, feeding two rations of equal protein contents. One ration was made up entirely of vegetable matter, while the other contained a large part of animal matter. In these experiments, the hens fed the animal matter ration, laid from 30 per cent to 40 per cent more eggs than others fed on grain feeds alone. The same sort of an experiment was carried on with young chicks. In this case, it shows that the chicks fed on the animal matter ration gained 56 per cent more than the other.

The fertility of eggs was another matter of experiment. In this case, it was found that a much larger per cent of the eggs from the hens fed the animal matter ration were fertile. It was also found, that the eggs from the hens fed the animal ration, produced much more vigorous and better chicks than those fed on the grain feeds alone.

With this knowledge of the value of animal matter as a feed-stuff for poultry, came the demand for a commercial feed, which resulted in the development of the manufacture of what is known as Meat Scraps. This industry has been carried on for a great many years and was started originally in the New England States. The trimmings from the butcher shops were picked up and the fat extracted, after which the material was ground up for feeding. The results of feeding this material were so marked and so profitable, that the demand increased by leaps and bounds, until today it has become a great industry. In cities like Chicago and New York, there are hundreds of men employed collecting the meat trimmings from the butcher shops.

In order to make the best product, these meat trimmings are gathered daily. They are then hauled to the factory, and the grease extracted the same night, so that there is no opportunity for the material to spoil. In the process of manufacture, the material is thoroughly cooked and the grease is pressed out under hydraulic pressure. By this means only a small per centage of the fat remains in the Meat Scraps. After the fat has been removed, the material is ground and sacked, ready for feeding.

The two sections in the United States where the greatest amount of Meat Scraps are used, are Sonoma County, California, and Long Island, near New York City. It is estimated that Sonoma County uses about 150 carloads of Meat Scraps annually. In this county, the chief industry of the people is poultry raising, and they feed Meat Scraps as a part of the regular ration. Long Island furnishes the ducks for the New York markets, and no one attempts to conduct a duck farm there without a regular supply of Meat Scraps.

The Massachusetts State Experiment Station, in their bulletin No. 98, has this to say in regard to Meat Scraps:

"There was no product on the market which varied more in feeding value, some samples having nearly twice the value of others. In purchasing, preference should be given to fine ground brands of high protein content, small in medium amounts of bone and rela-

**QUALITY**   
**at the Top**

**HATTEMER**  
**WHITE**  
**ORPINGTONS**

are layers, breeders and show birds. We have 200 young stock from winners in Atlanta, Birmingham, Mobile, Montgomery, at

### BARGAIN PRICES

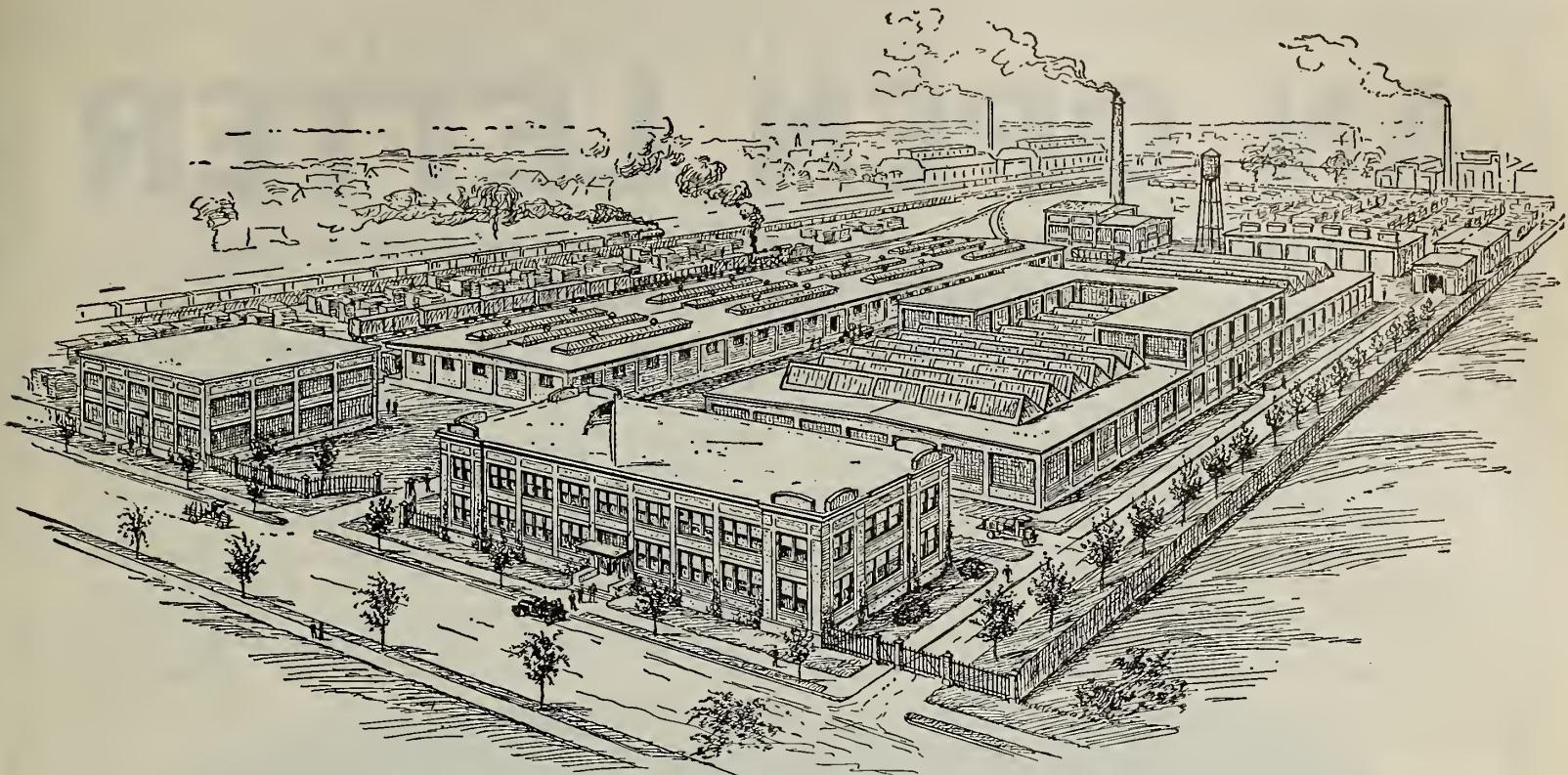
Must make room before cold weather, therefore will fill your orders at half regular prices. Let us quote you prices on cockerels and pullets, cocks and hens.

**J. F. HATTEMER**  
Fort Deposit, Ala.

**PRICES**   
**at the Bottom**

tively low per centage of fat, under 20 per cent rather than over. The material should be free from taint."

In the Middle West, the use of the Meat Scraps is confined largely to the poultry farms. When this matter is considered, it can be seen that the average farmer is overlooking



Bird's-Eye View of New Manufacturing Plant of Cyphers Incubator Co., Buffalo, N. Y.

a very big item by not using Meat Scraps during the winter months. During the summer, poultry on a farm has a wide range, and is able to pick up lots of bugs and worms, thus supplying the animal protein necessary for egg production. As a result, during the summer months, eggs are plentiful and cheap. During the winter months, however, the poultry does not have access to this supply of protein, and the egg production is very light. This is just the time when the poultryman should feed to get eggs, as high prices make them very valuable. The hen that lays only during the summer is not a profitable hen. The farmer must carry his hens during the winter months, and by careful feeding and housing, they will lay well at the time when eggs are high priced. By the use of Meat Scraps, the farmer and poultryman can turn his winter loss into a source of profit.—Edward Corrigan, Manager Poultry Food Dept. Darling & Co.

#### CYPHERS COMPANY TO BUILD MODEL FACTORY.

Land Has Been Bought and Architects Employed for Complete, Special-Purpose Manufacturing Plant to be Erected by Cyphers Incubator Company, at Buffalo, N. Y.

Herewith is shown a bird's-eye view of the new, model manufacturing plant that is to be erected early next spring by Cyphers Incubator Company at Buffalo, N. Y. A tract of land eight and one-fourth acres in extent, favorably located on the inner belt of the New York Central Railroad Lines, has been bought and architects have been employed.

The contract for grading, putting in railway switches, laying sewers and running water mains into the property has been let and this work is to be done at once. Contract for the buildings is to be awarded before January 1st. The work on buildings is to be started as soon next spring as the weather will permit and possession is to be given by the contractors on or before July 31st, 1913.

The buildings that are to comprise the new plant will be as follows:

Main factory, 160 by 320 feet in dimensions, two-thirds of the building to be one-story in height, with saw-tooth roof, thus giving perfect indoor light for workmen, and the middle third (see illustration) is to be two stories high, allowing for factory-supplies stock room, workingmen's locker room, etc., on upper floor.

Warehouse, 120 by 380 feet in size, extending parallel with factory building and of same floor level; height to be one story, but foundations and walls to be of sufficient strength so that three more stories can be added later in case enlargement upward is desired at any time.

Laboratory and sales building, 75 by 125 feet in size, two stories in height.

Dry Kiln building, 80 by 120 feet, contain-

ing six kilns, with ground space left on which to double this capacity as needed.

Boiler and transformer house, 40 by 60 feet in size, for location of heating plant and the electrical equipment required for use of Niagara Falls power.

Office building, 60 by 160 feet in dimensions and two stories high, fronting on Dewey Avenue, six hundred and fifty feet from Main Street, Buffalo's principal thoroughfare.

These buildings are to be of reinforced concrete, with attractive red-brick wall trimmings. All floors and roofs are to be concrete and the plant throughout will be as near fire-proof as modern methods can make it. There is piling space for ten to twelve million feet of lumber and private water mains and hydrants are to be installed in the lumber yards.

The site for this plant was chosen with special reference to the use that is to be made of it as a factory, warehouse and office combined and every building is being designed to meet the exact requirements of the Cyphers Company's diversified business, a business which calls for the manufacture of more than one hundred different articles used by practical, successful poultrymen and that of late years has passed the million dollar mark in annual sales.

Grant M. Curtis, president and general manager of Cyphers Incubator Company, writing under date of October 15th, said: "Am sending with this factory cut and description of buildings, the copy for a page advertisement entitled, 'An Open Letter,' which is to be published in your November issue. This advertisement will tell your readers how well fixed we are to fill orders during the poultry season now at hand, also about the increased business we have enjoyed since August 1st of this year; but please direct special attention to our November advertisement so that your readers will know to a certainty that we are in shape to handle promptly all orders entrusted to us, either at our home offices in Buffalo, or at our branch stores in New York City, Boston, Chicago, Kansas City, Mo., and Oakland, Calif."

#### JAMES DUNHAM,

the expert incubator specialist, urges poultry raisers to keep out of the breeding pens all hens laying shells too porous to hold the test of the Magic Egg Tester, because such eggs cannot be incubated successfully. Heed the warning. Secure one and cull out the hens with imperfect glands. Satisfaction or money refunded. \$2.00 each, by mail, postpaid. Newest methods of incubation. MAGIC EGG TESTER WORKS, Dept. GM., Buffalo, N. Y.

## 24 LEGBANDS FREE MAKE YOUR HENS PAY



We send free 24 of the best Leg Bands made to every new and renewing subscriber to THE INDUSTRIOUS HEN at 50c. 86 Bands will be sent with a three years subscription for \$1.00. If you are already a subscriber you may renew; or if you will get your neighbor to send 50c for his subscription, we will send a dozen Leg Bands to each. Enclose money order or stamps. Mention "Leg Bands" when subscribing under this offer.

INDUSTRIOUS HEN CO., Knoxville, Tenn.

## THE "PAT" EGG STAMP

Air cushion; the most perfect printing device ever produced for the purpose. Prints beautifully on any part of any sized or shaped egg.

Stamp, Ready for Use, Including Inked Pad, Price, Postpaid, \$1.00.

S. B. NEWMAN & CO. : : 617 Gay St., Knoxville, Tenn.

# AN OPEN LETTER

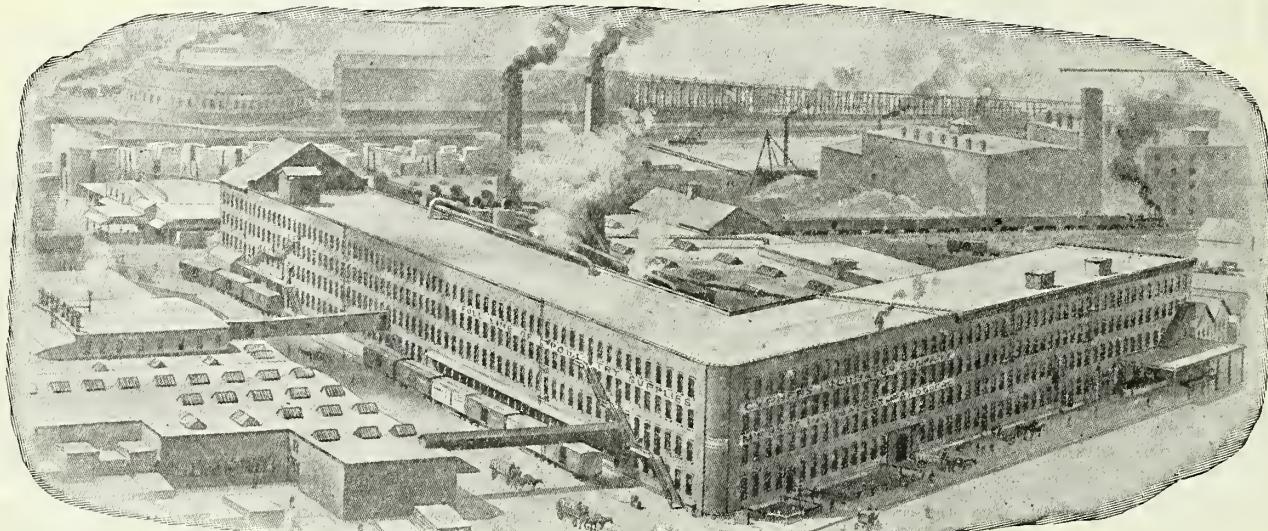
FROM THE PRESIDENT OF CYPHERS INCUBATOR COMPANY TO  
EVERYBODY WHO IS INTERESTED.

**F**RIDAY, AUGUST 16th, the large warehouse at Buffalo, N. Y., in which were located the home offices, metal working departments and laboratory of Cyphers Incubator Company, was destroyed by fire, the loss in building and contents totaling about \$200,000. The main factory building, illustrated herewith, in which our company has manufactured all incubators and brooders made by it during the last eleven years, was not reached by the fire nor injured in any way.

Saturday forenoon, August 17th, temporary general offices were opened in the paint shop and finishing room of the manufacturing building shown herewith. Monday

Fortunately for us, soon after the recent fire we were able to obtain, in this big establishment—by far the largest power plant in the City of Buffalo—all the additional manufacturing space we require for the present season. As a result, by October 15th we were as well situated to manufacture and ship goods as we have been at any time during the last six years.

As a matter of course our big new poultry food mill and warehouse, located at Chicago—built in 1910—was not injured by this fire, nor were we crippled in any way at our branch stores and warehouses in New York City, Boston, Kansas City, Mo. and Oakland, Cal.



Power Plant and Warehouse occupied at present time by Cyphers Incubator Company, Buffalo, N. Y.

morning, August 19th, an order for sixteen hundred Standard Cyphers Incubators, in assorted sizes, was started through the factory and in the afternoon of that day our regular force of tinsmiths was put to work in the brooder room of this factory, turning out metal parts for incubators, brooders, etc. That same afternoon space was rented in a separate, near-by building for use as a laboratory. All steel dies and a large number of metal-working machines were saved from the fire.

At the time of the fire we had unusually large stocks of goods in our warehouses at New York City, Boston, Chicago, Kansas City, Mo., Oakland, Cal., and London, England. Immediately after the fire several carloads of seasonable articles were hurried to Buffalo from the nearest branches, with the result that orders were filled at all points during August and September almost as promptly as though no fire had occurred.

The astonishing fact is, that despite this severe fire, our sales for July, August and September, 1912, were greater than our sales for the same three months of 1911 by thirty-seven per cent., and we count as sales only such orders as are filled—only the shipments that actually are made. We hereby publicly thank our many customers for their continued liberal patronage at this time, when it was doubly welcome.

Since October 1, 1901—a period of eleven years—we have occupied half the ground floor of the immense power plant here illustrated, have operated one-half to three-fourths of the dry-kiln equipment and have had practically unlimited dockage and lumber piling space.

Our 244-page Complete Catalogue and "Poultry Growers Guide for 1912" will be sent free, postpaid, to any address on request.

This fire showed the advantage of carrying a complete stock of goods at each of our seven places of business.

Next spring and early summer our company is to erect a large, model, special-purpose factory, to be used exclusively for the production of the more than one hundred poultry articles manufactured by us. An eight and one-quarter acre tract of land, centrally located in Buffalo, on the inner belt line of the New York Central Railroad, was bought by us October 2nd and the railway switches, sewer pipes and water mains are now being put in—October 15th. Architects have been employed and work on the buildings is to be started as soon as the weather will permit next spring, possession to be given us by the contractors not later than July 31, 1913.

MEANWHILE, AS ABOVE STATED, our company is every bit as well fixed to manufacture and ship its full line of goods for the season now at hand as it has been any time in the past and it is with this assurance to old and new customers that we solicit a liberal share of your 1912-1913 patronage, hereby agreeing to give prompt and careful attention to all orders entrusted to us.

Yours for continued progress,

**CYPHERS INCUBATOR CO.**

GRANT M. CURTIS Pres. and Gen. Mgr.

Factory and Home Offices: Dept. 13 Buffalo, N. Y.

BRANCHES:

NEW YORK CITY, 23 Barclay Street KANSAS CITY, MO., 317-319 S. W. Blvd.  
BOSTON, MASS., 12-14 Canal Street OAKLAND, CAL., 2127-2131 Broadway  
CHICAGO, ILL., 329-331 Plymouth Court LONDON, ENG., 119-121 Finsbury Pav.

# S. C. WHITE LEGHORNS

EXCLUSIVELY

“That’s My Business.”

The finest laying strain on the South Atlantic Coast. I guarantee pure white plumage, good head points and low, full tails, and full compliance with Standard requirements. I have been perfecting this heavy laying strain for eight years.

HAYDEN CLEMENT - Box 246 - Salisbury, N. C.

## BREEDERS' CARDS

CLASSIFIED ADVERTISING RATE, 2 cents per word, flat, subject to a discount of 10 per cent on yearly contracts amounting to \$6.00 or more. Ads in this department must be paid for in advance.

### ANCONAS.

PORTER'S POPULAR BLUEBELL ANCONAS.—Some bargains in good stuff to make room. Write your wants now. Conaville, Mallet Creek, Ohio. 102

SHEPPARD'S FAMOUS ANCONAS.—The world's best. First at world's greatest shows including London, England, Madison Square and Cleveland. Greatest egg record—256 average. Catalogue free. Cecil Sheppard, Berea, Ohio. 105

MOTTLED ANCONAS, Salmon Faverolles, Partridge Plymouth Rocks, spring birds for sale. Orders booked for eggs, \$1.25, and no money paid until shipping time. W. J. Davidson, Tullahoma, Tenn. 102

### ANDALUSIANS.

BLUE ANDALUSIANS, White Faced Black Spanish and Silver Spangled Hamburgs, finest strains. All first prize winners at Tennessee State Fair, 1910-11. Eggs, \$1.50 per 15. H. R. Birchett, Lebanon, Tenn. 104

BLUE ANDALUSIANS and White Faced Black Spanish stand in a class by themselves as egg producers. We sell eggs from high-class birds. 15 eggs for \$1.65, 30 eggs for \$3.00. Avoid rush by sending order early. A. N. Brown, Woodbury, Tenn. 104

### BANTAMS.

BANTAMS—Buff and Black Cochins, and Golden Sebrights. 58 ribbons on 64 entries, Nashville, Memphis, Knoxville, Birmingham, Atlanta, 1911. Eggs, \$2.00 per 13. Lewis Culp, 422 Spofford Ave., Pulaski, Tenn. 100

RARE BARGAINS—Golden and Silver Sebright, Buff, Black, White and Partridge Cochin, Rose Comb Black, Light Brahma, Black Tailed Japanese, Red Pyle and Black Red Game and Single Comb White Leghorn Bantams. 1,000 birds. Proper & Son, Schenectady, N. Y. 110

### BUTTERCUPS.

SICILIAN BUTTERCUPS.—The best laying breed. Eggs for hatching from selected birds. Stock for sale. Arden Poultry Yards, Arden, N. C. 103

### DUCKS AND GEESE

JOIN NATIONAL White Runner Duck Club. J. A. Earl, Pres., Kirkwood, Atlanta, Ga. 103

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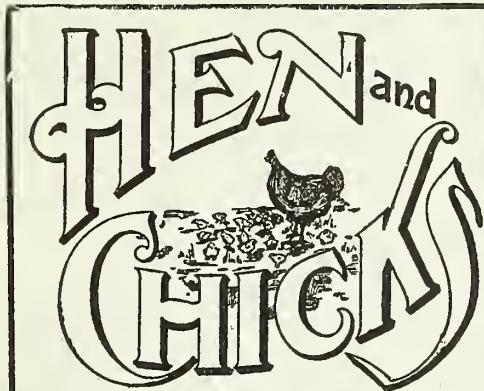
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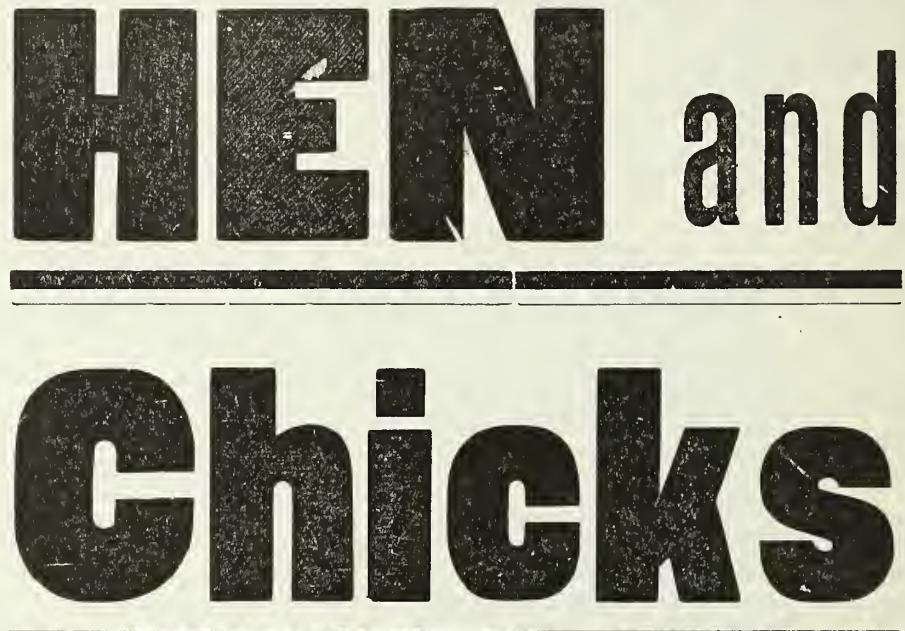
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